



GOVERNMENT OF INDIA  
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1947  
ANNUAL SUMMARY  
PART A  
SUMMARY OF WEATHER WITH TABLES

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(Continued on inner side of the back cover.)

# INDIA WEATHER REVIEW, 1947.

## ANNUAL SUMMARY.

### PART A.

#### Weather and Rainfall of 1947.

*Summary.*—The western disturbances during winter were generally feeble; but their secondaries moving across the central parts of the country were more active and gave good rainfall over Central India, the Central Provinces and Orissa in January. There were widespread thunder-showers in the Peninsula, the central parts of the country and the United Provinces during the third week of February. During the hot weather season March to May, a severe cyclonic storm in the second week of April gave very heavy rain in south Kathiawar, the Konkan and the south Peninsula and caused considerable loss of property and live-stock in south Kathiawar. The monsoon arrived on the west coast in time but did not penetrate into the interior of the country till the end of June. After the middle of July till the third week of September, it was generally active and caused abundant rainfall. During the period, October to December, the northeast monsoon was mostly feeble except for two spells in the third week of October and in the third week of December. Consequently the rainfall during this period was deficient in the southern half of the Peninsula. The western disturbances also were generally feeble. Two cyclonic storms and two depressions formed in the Bay of Bengal of which one storm and one depression in December caused widespread and locally heavy rain along the east coast of the Peninsula during the middle of the month and the beginning of the fourth week respectively.

**I. The Cold Weather Period (January and February).**—Two out of the five western disturbances in January were active. The third disturbance induced a secondary which moved across the central parts of the country and caused local showers there and in Orissa from the 12th to 14th. This was followed by a cold spell over Rajputana and the central parts of the country from the 15th to 18th when temperatures were 8 to 12° below normal. The last disturbance caused fairly widespread thunder-showers in the central parts of the country, the United Provinces and Chota Nagpur between the 26th and 28th. There were fairly widespread thundershowers in southeast Madras and south Malabar in the second half of the first week and in southeast Madras on the last four days of the month. The rainfall in January was, therefore, normal or in excess over most parts of the country excluding northwest India, East Bengal and Assam.

Six western disturbances affected the weather in February and out of these three were active. The first gave local to widespread precipitation in the East Punjab between the 3rd and 6th. The second was responsible for fairly widespread precipitation in the East Punjab, the United Provinces, Chota Nagpur and Bihar between the 8th and 10th. The fifth disturbance in association with its secondary which moved across the United Provinces and Bihar, gave fairly widespread rain in Kashmir, the East Punjab, the United Provinces, east Central India and the west Central Provinces on the 23rd and 24th. Outside northwest India, weather was generally dry except for scattered showers in the south Peninsula during the last week.

The total rainfall for the winter period was in moderate to large excess in Orissa, the central parts of the country, the Konkan, the Bombay Deccan, north Hyderabad, Mysore and the Madras Presidency outside the north Madras coast. It was in slight excess in the north Madras coast, in slight defect in the United Provinces and east Rajputana and in moderate to large defect elsewhere except in Gujarat where no rain fell.

The mean temperature was normal over the whole country. The relative humidity was in excess in the East Punjab, the Bombay Provinces, the central parts of the country, Hyderabad and Mysore and normal elsewhere. The cloud amount was in excess in Orissa, Bihar and the Peninsula and in defect in Rajputana.

**II. The Hot Weather Period (March to May).**—Of the five western disturbances that affected the weather during *March*, three were active and induced secondaries which moved eastwards across the United Provinces to West Bengal and caused spells of marked thunderstorm activity in the United Provinces and northeast India between the 13th and 16th, 20th and 22nd and 25th and 26th. Many of the thunderstorms in Bihar and Assam between the 20th and 22nd were accompanied by hail showers. There was marked thunderstorm activity in the Peninsula and the central parts of the country also on the first two days of the month and again on the last four days.

The dominant feature of the weather in *April* was a severe cyclonic storm in the Arabian Sea. It formed as a depression, centred near Lat.  $9\frac{1}{2}^{\circ}$ N., Long.  $74\frac{1}{2}^{\circ}$ E. on the 13th. Moving northnorthwestwards, it intensified into a severe cyclonic storm by the 15th morning. It finally moved into the Gulf of Cambay and filled up near Surat by the 20th. Associated with the formation and movement of this storm, widespread and locally heavy rain fell in the south Peninsula between the 12th and 14th, the rainfall extending into the Konkan and the west Deccan by the next day and in south Kathiawar by the 16th. Very heavy rain exceeding 10 inches in 24 hours in many places occurred in south Kathiawar between the 16th and 18th. In the Bhavnagar State, hundreds of houses were destroyed, large number of cattle were killed and the cotton and pulse crops were severely damaged by excessive rain and strong winds. Winds of gale and hurricane force which blew in and near the port of Veraval are reported to have caused considerable damage to country craft and small boats. The losses in the Veraval port alone were estimated at several lakhs of rupees.

There was marked thunderstorm activity in Assam during the second and third weeks and in the first half of the fourth week of April, while local thundershowers occurred in the south Peninsula in the beginning of the month.

*May* was a month of good thunderstorm activity in the northeast of India, particularly in Assam, Bihar and the United Provinces. There were local thundershowers in Malabar also on most days. Elsewhere in the Peninsula and in the central parts of the country, rainfall was scanty. Five of the six western disturbances of the month were feeble and consequently northwest India also had generally scanty rainfall.

The total rainfall for the period, March to May, was in large excess in Gujarat and the Konkan and in slight to moderate excess in Berar, the Bombay Deccan and southeast Madras. It was normal in Assam, Chota Nagpur, Bihar and the west Central Provinces, in slight to moderate defect in Orissa, the east United Provinces, Kashmir, west Central India, the east Central Provinces, Mysore and Malabar and in large defect elsewhere except in west Rajputana where no rain fell.

The mean temperature was above normal in the United Provinces, the East Punjab and Rajputana. Humidity was above normal in the Bombay Province and Central India and normal elsewhere. Cloud amount was in excess in the Bombay Province, the Central Provinces and Berar and Mysore and in defect in the East Punjab and Rajputana.

**III. The Southwest Monsoon Period (June to September).**—The monsoon advanced feebly over Malabar on the 3rd *June* and extended to the Konkan by the 5th; but its activity was confined to the coastal regions during the first three weeks. The Bay monsoon also was confined to northeast India during this period. Under the influence of a cyclonic storm from the Bay of Bengal, the monsoon advanced into the whole country outside northwest India and Gujarat during the last week. However, the rainfall for June was in moderate to large defect except in northeast India, the south Peninsula and Kashmir.

The monsoon extended feebly into Gujarat and the eastern districts of northwest India early in *July*. During the first ten days of the month, widespread rain fell everywhere except in Rajputana and rainfall was locally heavy in the central parts of the country, the United Provinces and Assam. A marked strengthening of the Arabian Sea branch of the monsoon in the beginning of the third week resulted in very heavy rain in the Konkan, Gujarat, east Rajputana, the southern divisions of the United Provinces and in and near Central India during that week. The monsoon continued to be strong over these regions during the last week also. The rainfall for July was normal or in excess over most parts of the country outside northwest India.

During the first half of *August*, the activity of the monsoon was confined to northeast India, the east United Provinces and Malabar. The Peninsula also had its usual share of rain during this period from thunderstorms, while the central parts of the country and northwest India were generally dry. A vigorous revival of the monsoon took place in the Konkan, Gujarat, east Rajputana and the central parts



V. Taking the year as a whole, the rainfall was in moderate excess in east Rajputana and in slight excess in the west United Provinces, west Central India, Berar, the Central Provinces and the Madras Deccan and normal elsewhere. It was in slight defect in Orissa, Bihar, the East Punjab, west Rajputana and southeast Madras and normal elsewhere. Averaged over the plains of India, the rainfall for the year was 3% below normal.

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*N. B.*—The Indian Standard Time used in this publication is 5 hrs. 30 minutes in advance of G. M. T.



Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

Height of bar, station level, mean, ft.	Pressure at station level, millibars			Maximum temperature, °C				Minimum temperature, °C				Dry bulb temperature, °C		Wet bulb temperature, °C		Vapour pressure, millibars			Relative humidity, %		
	Mean 8 hrs	Departure from normal	Mean 17 hrs	Mean	Departure from normal	Highest during the year	Month	Mean	Departure from normal	Lowest during the year	Month	Mean 8 hrs	Mean 17 hrs	Mean 8 hrs	Mean 17 hrs	Mean 8 hrs	Departure from normal	Mean 17 hrs	Mean 8 hrs	Departure from normal	Mean 17 hrs
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
261	1,001.7	-0.1	999.1	89.8	+0.9	92	V	71.7	+1.2	66	II, III	81.2	80.1	76.9	76.0	21.6	+0.8	24.9	81	+1	82
318	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	999.6	-0.3	995.6	82.6	+1.2	98	VI	66.7	+0.9	47	I, XII	72.0	77.1	61.5	72.5	24.4	-0.2	25.2	89	-1	76
258	1,001.9	-0.2	997.4	81.7	+1.0	99	V	67.3	-0.1	46	I	72.4	79.5	69.2	72.6	23.8	+0.1	24.9	81	-1	71
182	1,003.8	-0.1	999.5	84.6	-0.1	99	V	67.3	+0.7	36	I	73.2	80.4	69.9	72.5	24.3	+0.4	24.1	85	+1	67
115	1,006.0	-0.1	1,002.4	82.6	-0.1	99	IV	68.8	+0.6	48	I	72.6	80.4	69.9	72.3	24.7	+0.8	24.1	87	+4	78
96	1,007.2	-0.2	1,003.1	86.0	-0.1	97	VII, VIII	68.2	+0.8	45	I	72.6	81.4	69.8	73.5	24.4	-0.4	25.2	87	+3	67
3	1,009.2	..	..	89.0	..	109	IV	71.2	..	41	I	75.4	..	72.1	..	25.6	..	..	77	..	..
21	1,008.1	-0.3	1,001.6	89.1	+0.9	108	IV	72.3	+2.1	50	I	76.0	83.7	72.6	74.6	26.7	+0.9	25.8	85	+1	65
10	1,008.2	-0.4	1,003.3	84.9	-0.3	95	IV	..	..	..	..	79.4	81.3	74.7	75.5	27.9	+0.3	27.9	79	-2	74
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
149	1,003.6	-0.3	1,009.0	90.6	-0.7	113	IV	71.2	+0.5	49	I	70.7	85.8	71.4	73.4	24.3	+0.7	23.1	75	+1	56
106	1,005.3	-0.1	1,001.5	89.5	+0.5	107	IV, V	71.0	+0.8	48	I	76.2	86.0	71.4	73.3	25.1	+0.7	22.9	77	0	54
48	1,007.1	-0.4	1,003.8	90.2	+1.5	108	IV	69.5	+0.5	44	I	75.4	85.2	71.8	74.1	26.1	+0.1	24.5	83	+6	59
414	994.5	0	999.9	90.0	+0.7	112	VI	69.5	+0.8	47	I	76.1	85.0	69.7	72.2	23.0	+0.4	21.8	73	+1	31
62	1,006.7	-0.4	1,003.1	90.3	+2.0	108	IV	69.8	-0.4	47	I	76.8	84.3	71.5	71.4	24.0	+0.1	21.1	75	-3	59
103	1,003.5	-0.2	1,001.9	87.6	+0.7	106	IV	68.9	+1.2	46	I	76.4	83.4	70.7	72.7	24.1	-0.1	23.2	71	-1	59
271	1,009.2	-0.3	996.5	84.6	0	96	IV, V	66.9	+0.5	46	XII	70.7	81.6	67.0	72.1	22.8	-0.5	23.3	85	0	62
65	1,006.5	-0.3	1,003.0	89.2	-0.2	111	VI	72.0	+1.3	52	I	77.9	82.6	72.7	74.9	26.0	+0.8	26.6	77	0	70
20	1,008.2	-0.1	1,005.1	89.5	+0.6	..	..	72.0	+0.3	53	XII	77.1	83.5	73.5	75.0	27.2	0.7	26.3	83	+2	67
20	1,008.3	-0.1	1,005.3	86.3	+0.2	106	IV	75.7	+0.9	59	XII	78.9	82.3	74.7	76.8	28.2	-0.5	24.6	81	0	73
56	1,007.0	-0.2	1,003.9	86.1	-0.2	99	V	73.9	+0.6	58	XII	78.3	81.7	74.7	77.1	28.4	-1.5	29.9	83	+3	80
87	1,006.7	-0.7	1,002.2	91.4	+0.5	112	VI	..	..	56	II, XII	77.2	84.7	73.1	74.5	26.6	-0.9	24.5	81	+2	58
433	993.3	0	989.6	91.0	+0.8	115	V	71.4	+1.5	51	XII	76.8	86.6	70.7	72.2	23.6	+0.2	20.9	74	-1	52
486	991.9	-0.5	988.4	91.7	+1.2	116	V	70.4	+0.8	48	II, XII	75.2	88.7	69.8	72.9	23.0	+0.9	21.1	77	+6	80
423	991.2	-0.1	990.4	90.3	+0.1	113	VI	70.0	+1.5	18	I, II, XII	75.3	86.1	69.4	71.8	22.8	+0.9	20.6	74	+1	51
742	983.2	0	979.4	90.7	+1.0	113	VI	69.6	+1.2	47	I	74.4	86.1	69.8	73.9	23.7	+1.0	21.5	79	+5	58
2,150	935.0	-0.1	933.2	84.2	+0.1	107	VI	64.6	-0.7	43	I	72.1	79.9	64.8	67.1	18.5	-0.8	17.6	69	+5	54
2,006	940.8	-0.1	938.0	85.0	+0.4	108	VI	65.0	-0.4	33	I	72.9	79.3	64.8	66.2	18.2	+0.8	16.8	66	+2	53
725	943.7	-0.3	940.0	89.0	+0.5	114	VI	66.5	+1.0	39	I	74.5	85.5	67.3	70.5	20.8	+1.3	19.3	70	-1	49
839	979.5	..	..	..	..	111	VI	68.2	..	46	I	76.7	..	68.3	..	21.3	..	..	67	..	..
121	1,004.8	-0.3	1,001.1	88.2	+1.5	105	IV	66.6	+0.5	43	I	73.9	87.0	69.2	75.3	23.5	+0.3	24.3	79	-2	13
161	1,003.4	-0.1	999.7	88.5	+1.6	105	IV, V	67.5	+0.3	45	I	73.4	85.0	68.8	73.4	23.3	+0.5	23.7	80	+4	57
219	1,001.3	-0.1	997.5	..	..	..	..	66.3	+1.1	44	I, XII	77.6	82.2	69.7	72.8	23.5	+0.6	24.0	77	+2	64
173	1,002.4	-0.5	999.1	89.6	+2.0	110	VI	69.0	+1.0	46	I	75.7	85.4	68.5	71.4	21.9	-0.2	20.7	63	-1	50
372	996.2	..	992.5	99.3	..	115	V	69.0	..	46	I	76.8	86.7	68.2	70.5	21.5	..	18.9	68	..	45
365	995.7	-0.3	992.2	90.9	+1.0	115	V, VI	69.1	+1.7	42	I	75.9	86.8	67.7	70.1	20.5	+1.5	18.5	66	+5	15
473	911.7	-0.6	908.2	82.7	+1.6	112	VI	68.8	+0.9	44	I	75.3	84.9	69.3	71.3	21.8	+0.7	20.6	72	+2	53
122	1,004.8	-0.1	1,000.8	88.7	+1.2	107	IV, V	67.0	+0.9	41	I	75.2	83.4	69.6	72.8	23.5	+0.9	23.5	75	-1	61

\* Data, except rainfall, not reliable hence no means.  
† Data incomplete hence no means.



Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

Height of bar, eastern side, mean level in feet.	Pre- sure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %			
	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
261	1,001.7	+0.1	999.1	85.8	+0.9	92	V	71.7	+1.2	66	II, III	81.2	80.1	76.9	76.0	29.6	+0.8	28.9	81	-1	82	
348	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
317	999.6	-0.3	995.6	82.6	-1.1	98	VI	66.7	+0.9	45	I, XII	72.0	77.1	69.5	72.3	24.4	+0.2	25.2	89	-1	76	
258	1,001.9	-0.2	997.4	81.7	+1.0	99	V	67.3	+0.1	46	I	72.4	79.5	69.2	72.6	23.8	+0.1	24.0	84	-1	71	
182	1,003.8	-0.1	999.5	84.6	-0.1	99	V	67.3	+0.7	46	I	73.2	80.4	69.9	72.5	24.3	-0.4	21.3	85	+1	67	
116	1,006.0	-0.1	1,002.4	82.6	-0.1	99	IV	68.8	+0.6	48	I	72.6	80.4	69.0	72.3	24.7	+0.8	24.1	87	-4	68	
96	1,007.2	-0.2	1,003.1	86.0	-0.1	97	VII, VIII	68.2	+0.8	45	I	72.6	81.1	69.8	73.5	24.4	-0.4	23.2	87	+3	67	
33	1,009.2	..	..	89.0	..	109	IV	71.2	..	41	I	75.4	..	72.1	..	25.6	..	..	77	..	..	
21	1,008.1	-0.3	1,004.6	89.1	+0.9	108	IV	72.3	+2.1	50	I	76.0	83.7	72.6	74.6	26.7	+0.9	25.8	85	-3	65	
10	1,008.2	-0.4	1,005.3	84.9	-0.3	95	IV	..	..	..	..	79.1	81.3	71.7	75.3	27.0	+0.3	27.9	79	-2	71	
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
149	1,003.6	-0.3	1,000.0	90.6	+0.7	113	IV	71.2	+0.5	49	I	76.7	85.8	71.4	73.4	24.8	-0.7	23.1	75	+1	56	
106	1,005.3	-0.1	1,001.5	89.5	+0.5	107	IV, V	71.0	+0.8	48	I	76.2	86.0	71.4	73.5	25.1	+0.7	22.9	77	0	54	
48	1,007.1	-0.4	1,003.8	90.2	+1.5	108	IV	69.5	+0.5	44	I	75.4	85.2	71.8	74.1	26.1	-0.1	24.5	83	+6	59	
414	994.5	0	990.9	90.0	+0.3	112	VI	69.5	+0.8	47	I	76.1	85.0	69.7	72.2	23.0	+0.4	21.8	73	-4.1	55	
62	1,006.7	-0.4	1,003.1	90.3	+2.3	108	IV	69.8	+0.4	47	I	76.8	84.3	71.5	73.4	24.9	+0.3	24.1	75	-3	59	
103	1,005.5	-0.2	1,001.9	87.6	+0.7	106	IV	68.9	+1.2	46	I	76.4	83.4	70.7	72.7	24.1	+0.1	23.2	74	-4	59	
271	1,000.2	-0.3	996.5	84.6	0	96	IV, V	66.9	+0.6	46	XII	70.7	81.6	67.0	72.1	22.8	-0.5	23.5	85	0	62	
65	1,006.5	-0.3	1,003.0	89.2	+0.5	111	VI	72.0	+1.3	52	I	77.9	82.6	72.7	74.9	26.0	+0.8	26.6	77	0	70	
20	1,008.2	-0.1	1,005.1	89.5	+0.6	..	..	72.0	+0.3	53	XII	77.4	83.5	73.5	75.0	27.2	-0.7	26.3	83	+2	67	
20	1,008.3	-0.1	1,005.3	86.3	+0.2	106	IV	75.7	+0.9	59	XII	78.9	82.3	74.7	76.8	28.2	+0.5	28.6	81	0	75	
56	1,007.0	-0.2	1,003.9	89.1	-0.2	99	V	73.9	+0.6	58	XII	78.3	81.7	74.7	77.1	28.4	+1.5	29.9	83	+3	80	
87	1,005.7	-0.7	1,002.2	91.4	+0.6	112	VI	..	..	56	II, XII	77.2	85.7	73.1	74.5	26.6	+0.0	24.5	81	+2	58	
455	993.3	0	989.6	91.0	+0.8	115	V	71.4	+1.5	51	XII	76.8	86.6	70.7	72.2	23.6	-0.2	20.9	74	-1	52	
486	991.9	-0.5	988.4	91.7	+1.2	116	V	70.4	+0.8	48	II, XII	75.2	88.3	69.8	72.9	23.0	+0.0	21.1	77	-6	59	
123	991.2	-0.1	990.4	90.3	+0.1	113	VI	70.0	+1.5	48	I, II, XII	75.3	86.1	69.4	71.8	22.8	-0.9	20.6	74	-1	51	
742	993.2	0	979.4	90.7	+1.0	113	VI	69.6	+1.2	47	I	74.4	86.1	69.8	73.0	23.7	-1.6	23.5	79	-5	58	
1,150	995.0	-0.1	993.2	84.2	+0.1	107	VI	64.6	-0.7	43	I	72.1	79.0	64.8	67.1	18.5	+0.8	17.6	69	-5	54	
1,006	940.8	-0.1	938.0	85.0	+0.4	108	VI	65.0	-0.4	39	I	72.0	79.3	64.8	66.2	18.2	+0.3	16.8	66	+2	53	
725	983.7	-0.3	980.0	89.0	+0.5	114	VI	66.5	+1.0	39	I	74.5	85.5	67.3	70.5	20.8	+1.3	19.5	70	-1	49	
839	979.5	..	..	..	..	111	VI	68.2	..	46	I	75.7	..	68.3	..	21.3	..	..	67	..	..	
124	1,004.8	-0.3	1,001.1	88.2	+1.5	105	IV	66.6	+0.6	43	I	73.9	83.0	69.2	73.3	23.5	+0.3	24.3	79	-2	63	
161	1,001.4	-0.1	999.7	88.5	+1.6	105	IV, V	67.5	+0.3	45	I	73.4	85.0	68.8	73.4	23.3	+0.5	23.7	80	+4	57	
218	1,001.3	-0.1	997.5	..	..	..	..	66.3	+1.1	44	I, XII	77.6	82.2	69.7	72.8	23.5	+0.8	24.0	77	+2	64	
173	1,002.4	-0.5	999.1	89.6	+2.0	110	VI	69.9	+1.0	45	I	75.7	85.4	68.5	71.4	21.9	-0.2	20.7	69	-1	50	
352	976.2	..	992.5	99.3	..	115	V	69.9	..	46	I	75.8	86.7	68.2	70.5	21.5	..	18.9	68	..	45	
365	995.7	-0.3	992.2	90.9	+1.9	115	V, VI	69.1	+1.7	42	I	75.0	86.6	67.7	70.1	20.5	+1.5	18.5	66	+5	45	
489	991.7	-0.5	984.2	89.7	+1.8	112	VI	68.8	+0.9	44	I	75.3	84.0	69.3	71.3	22.8	+0.7	20.6	72	+2	53	
122	1,004.5	-0.1	1,000.8	84.7	+1.2	107	IV, V	67.0	+0.9	41	I	75.2	83.4	69.6	72.8	23.5	-0.9	23.5	75	-1	61	

\* Data, except rainfall, not reliable hence no means.

† Data incomplete hence no means.

17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947.

Cloud amount, (tenths of sky).			Rainfall, inches.				Number of rainy days, (0.10" or more).		Wind velo- city, miles per hour.		Wind direction—Number of winds during the year from :—																		STATION.		
											8 hrs. I. S. T.										17 hrs. I. S. T.										
Mean 5 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm			
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
7.4	-1.7	7.9	175.27	-41.94	7.24	VI	149	-1.4	8.4	-1.1	26	66	42	14	5	95	70	16	22	9	60	51	12	10	84	70	24	16	BAY ISLANDS.		
																													Port Blair.		
																													AFSAM.		
			125.97	-16.00	7.70	VII	127	-8.1																					Dibrugarh.*		
8.1	+0.3	8.1	114.82	+16.72	4.80	VI	115	-7.7	2.4	+0.6	48	114	76	20	39	31	2	10	63	57	87	18	7	20	27	7	23	119	Sibsagar.		
4.7	-0.6	7.4	75.59	+7.27	5.62	VII	104	-1.0	1.8	-0.3	10	75	171	22	5	5	7	1	60	5	25	99	9	4	7	7	1	208	Tezpur.		
5.6	+0.5	1.8	61.30	-6.15	5.63	VII	88	-1.7	2.5	-1.1	62	89	45	43	43	26	8	22	27	20	98	47	18	16	51	15	25	75	Gauhati.		
5.5	-1.0	4.9	74.72	-23.18	3.95	V	95	-0.5	1.1	0	14	100	95	24	24	29	15	0	64	10	65	60	25	29	59	18	6	93	Dhuli.		
5.8	+0.7	4.9	100.15	-20.45	8.70	VI	112	-7.0	1.4	-0.1	12	88	85	70	16	15	12	0	58	14	26	13	17	11	52	76	42	114	Silchar.		
																													WEST BENGAL.		
5.1			54.70		5.74	VII	85				46	20	41	20	61	49	9	27	282										Dum Dum.		
4.8	+0.1	5.0	62.05	-4.05	5.71	IX	78	-0.5	2.8	-0.4	25	19	70	19	41	81	20	13	113	25	2	13	50	61	75	18	23	118	Calcutta.		
4.9	-0.5	4.8	60.99	-7.77	5.80	VII	74	-5.1	12.5	-3.1	61	46	18	15	51	138	16	29	9	51	13	6	52	113	111	10	21	8	Sagar Island.		
																													Sandheads.		
5.0	-1.4	5.5	50.67	-8.04	5.0	IX	57	-9.7	6.7	1.4	55	72	23	14	50	73	10	14	45	49	65	14	33	91	33	8	5	67	Midnapore.		
4.4	-0.2	4.6	50.70	-2.80	4.7	VII	80	-2.8	5.0	1.9	42	25	44	10	24	77	31	33	72	33	17	51	29	35	49	28	44	71	Burdwan.		
4.8	-0.4	5.0	51.08	-2.58	5.0	VII	84	-1.7	10	-0.1	10	21	35	50	81	32	9	18	127	15	5	16	51	59	25	35	21	138	Krishnanagar.		
4.4	-0.1		61.74	-5.5	4.78	VIII	79	3.1			14	5	33	51	21	17	53	57	112										Assam.		
4.9	-0.2	4.7	57.05	-1.95	5.1	IX	83	-0.6	1.9	-0.4	44	4	58	56	91	12	17	11	122	16	1	46	15	88	7	16	9	167	Bothampore.		
4.5	-1.1	5.0	61.50	-1.5	4.14	VII	62	-0.2	5.8	-0.1	58	55	58	45	67	49	9	17	132	23	28	58	37	28	13	26	72	106	Maha.		
5.1	-1.5	4.0	81.07	-5.5	4.48	VII	104	-7.9	2.2	-1.6	85	91	83	11	6	5	6	17	58	15	49	60	32	29	31	55	6	99	Jalpaiguri.		
																													ORISSA.		
5.8	-1.5	5.0	62.41	-6.41	5.10	VIII	81	-7.2	4.5	1.2	72	53	7	4	37	92	4	42	54	6	9	4	84	105	35	2	5	115	Balsore.		
4.9	+0.1	4.5	70.91	-5.20			961		5.7	-0.1	78	7	8	12	62	50	43	45	122	16	25	60	100	91	16	15	4	90	Chhatbasi.		
4.2	+0.6	5.2	5.61	-1.58	4.91	VI	74	-1.9	11.6	-2.4	92	49	7	0	12	141	32	25	6	9	22	15	84	75	142	10	6	0	Puri.		
5.0	-1.6	5.5	44.47	-1.04	5.26	X	5	-0.3	11.7	-1.3	111	6	3	10	37	114	4	52	25	25	13	60	60	78	111	7	5	0	Gopalpur.		
4.9	-0.3	5.2	62.36	-5.20	6.01	VIII	75	-0.5	5.2	-1.1	8	16	18	2	35	38	43	21	184	9	10	22	13	65	51	17	12	159	Cuttack.		
4.9	+2.0	5.0	65.79	-0.01	4.81	VIII	89	-7.9	4.8	-0.7	7	17	22	24	8	4	68	56	159	39	17	25	48	35	19	43	49	90	Angul.		
4.9	-1.8	5.4			5.75	VIII			3.7	-0.9	78	71	26	11	54	40	1	7	105	58	62	9	8	51	62	31	22	82	Sambalpur.		
																													CHHOTA NAGPUR.		
4.4	+0.9	5.2	50.25	-2.25	4.11	VI	80	7.6	3.6	-0.7	5	16	48	17	2	38	141	42	56	26	26	59	22	12	42	29	41	65	Jamshedpur.		
6.1	+2.0	6.2	49.44	-2.22	3.92	IX	82	-5.1	1.8	-0.1	10	21	2	9	14	146	14	5	146	25	48	4	52	18	64	21	26	157	Chhatbasi.		
5.7	-0.4	4.9	57.97	-0.13	5.16	VI	63	-12.4			24	2	19	1	50	17	10	18	105	42	5	24	7	54	7	18	31	1171	Bascul.		
5.0	-0.7	5.2	65.14	-7.89	2.85	IX	71	-7.4	4.9	-0.8	15	7	21	84	41	58	49	51	87	48	14	20	30	27	10	20	101	75	Hazratnagar.		
4.1	-1.2	4.9	41.50	-7.15	5.86	IX	61	-11.0	2.5	-0.4	7	11	65	41	0	4	52	5	175	42	21	41	11	14	6	68	81	78	Daltonganj.		
			6.18		6.28	VII	75		5.1		26	31	48	36	21	66	61	28	35										Dhanbad.		
																													BHAR.		
5.9	+0.2	5.2	56.51	-5.65	5.90	VII	65	-5.8	2.9	-0.7	6	49	147	36	15	51	22	6	70	6	29	82	29	7	55	47	5	134	Purba.		
5.9	-0.4	5.4	49.81	-8.97	5.58	VII	55	-2.4	2.9	-0.3	2	77	104	27	4	29	62	0	61	2	32	55	41	7	74	72	23	108	Dudhapani.		
5.9	+0.9	5.0	55.56	-1.11	5.72	VII	58	+0.4			1	5	155	17	4	2	49	9	196	0	2	60	1	2	0	51	3	240	Mallik.		
5.9	+0.3	5.9	45.57	-1.22	5.93	IX	47	8.6	3.9	-0.6	1	58	68	57	14	59	36	16	10	12	46	47	15	6	5	75	40	110	Patna.		
5.5		5.7	55.02	-8.92	5.11	VIII	51	-7.5	3.1		6	9	31	45	6	134	19	23	62	76	59	12	26	3	36	7	150	60	Dehri.		
5.8	-0.7	4.4	57.29	-0.51	5.94	VII	47	-11.9	5.2	-0.7	2	12	53	50	111	73	10	2	72	47	55	73	13	12	47	114	51	Gay.			
5.8	-0.7	5.1	54.90	-2.81	6.87	VIII	81	-6.4	2.0	+1.1	3	37	15	10	7	16	14	32	151	1	50	0	72	2	74	29	55	81	Naya Dimpal.		
4.4	-0.1	4.0	65.51	-2.27	3.25	VI	58	-2.0	2.9	-0.6	14	25	85	65	55	70	37	11	23	37	29	71	38	8	5	67	57	59	Sabour.		

\* Total for 302 days.  
† Total for 361 days.  
‡ Total for 319 days.  
§ Total for 317 days.  
¶ Total for 312 days.  
\*\* Total for 346 days.  
\*\*\* Total for 359 days.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

No.	Height of bar. station above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %.		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1ST.																						
	360	990.1	..	992.2	89.4	+0.7	110	VI	66.5	+1.1	39	I	71.4	85.3	65.9	70.4	20.8	+0.6	18.7	76	+4	49
	254	999.5	-0.5	995.1	89.4	+1.5	109	V, VI	68.5	+1.8	44	I, XII	73.7	86.5	67.6	71.3	21.7	+0.1	20.6	66	+8	51
	250	999.5	-0.5	996.0	91.1	+1.5	115	V	67.6	+0.8	39	I	73.0	88.0	67.5	72.2	22.1	+1.4	21.0	77	+8	47
and)	322	997.3	-0.3	994.0	91.4	+1.3	115	V	68.5	+2.1	42	I, XII	73.9	88.5	66.1	69.8	20.0	+0.5	17.7	72	+5	41
	375	995.3	..	991.9	91.8	+1.4	115	V, VI	67.4	+1.1	38	I	74.0	87.6	66.4	71.3	20.2	-0.1	19.6	65	-3	46
	414	994.2	0	991.1	90.6	+1.6	115	V	67.3	+1.3	38	I, XII	72.2	87.5	64.6	69.5	19.0	+0.1	17.5	69	+1	42
	371	995.4	-0.3	992.6	90.5	+0.8	112	VI	67.4	+1.4	38	XII	72.9	86.2	66.3	71.3	20.6	+0.9	20.6	72	+3	50
	407	994.2	-0.1	991.5	89.2	+0.9	109	VI	66.4	+0.6	41	I	72.5	85.6	66.7	71.6	21.3	+0.7	21.2	75	+2	51
2ST.																						
	824	980.1	-0.7	977.0	90.7	-0.5	117	V	67.7	+0.8	41	I, XII	72.2	88.1	63.0	69.7	18.0	+0.3	17.5	63	+7	42
	553	989.3	-0.2	986.6	90.7	+0.7	116	V	67.3	+2.2	38	I	70.9	88.4	63.6	69.3	18.4	+2.1	17.4	68	+10	40
	516	990.1	-0.5	987.5	91.2	+0.6	117	V	66.1	+1.1	37	I, XII	71.5	87.4	63.0	71.3	19.0	+1.7	19.0	72	+7	46
	615	987.0	..	984.2	91.0	+2.2	115	V, VI	66.4	+1.0	37	I, XII	71.4	87.9	62.1	68.5	18.4	+1.6	16.1	67	+7	38
	568	988.4	-0.5	984.9	89.2	+1.6	113	VI	66.7	+1.7	42	I, XII	72.7	83.0	65.7	69.6	20.0	+0.3	18.8	70	-3	48
	899	977.1	-0.5	974.2	86.3	+0.1	112	VI	63.4	-1.2	38	I, XII	68.7	84.4	62.6	68.7	18.0	+0.6	18.1	72	0	47
	2,239	931.8	-0.9	930.6	82.8	+0.7	106	V, VI	60.8	+0.5	38	I	65.4	79.1	60.5	69.7	16.5	-0.8	18.2	71	0	52
3ST.																						
	714	983.0	-0.9	980.3	90.0	+1.2	114	V	66.2	+1.7	35	I	71.1	85.1	62.0	66.7	16.5	-0.1	15.7	61	0	36
	725	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	892	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	812	980.1	-0.2	977.7	90.3	+2.2	117	V, VI	..	..	..	..	69.3	87.0	62.0	70.7	18.7	+2.3	19.5	74	+7	45
4ST.																						
	5,205	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	3,709	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	10,039	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	11,520	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	7,505	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	4,890	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	10,100	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5ST.																						
	580	988.5	..	981.7	92.0	+2.2	118	V	63.9	+2.3	34	I, XII	70.1	89.7	60.8	68.1	15.9	+0.8	14.8	62	+2	32
	714	982.6	-0.6	980.0	93.7	..	116	V	65.6	..	33	I, XII	70.0	92.2	69.5	70.1	14.4	..	15.9	54	..	31
	723	982.9	..	979.4	93.3	..	116	V	67.2	..	35	I	69.1	92.6	..	..	..	..	..	..	..	..
	736	991.8	-0.5	980.5	92.9	+1.2	116	V	67.9	+1.3	38	XII	71.2	91.3	61.6	67.5	15.9	+0.6	13.0	54	-1	26
	683	986.4	-0.1	983.7	94.7	+2.3	118	V	65.8	+0.4	44	XII	72.1	91.0	64.0	72.2	18.1	-0.4	15.9	61	-3	30
6ST.																						
	1,400	980.2	..	957.6	91.5	..	115	V	64.1	..	34	XII	68.9	88.2	60.0	66.5	15.4	..	13.2	60	..	29
	1,431	959.9	-0.9	957.2	99.2	+0.3	115	V	65.7	+1.1	37	XII	69.2	86.9	61.9	67.2	15.8	+0.6	13.4	58	+3	33
	1,593	955.1	0	951.7	88.5	-0.3	112	V	65.7	+0.5	33	XII	72.3	86.6	64.2	67.5	18.1	+2.2	15.5	61	+4	38
	843	979.9	-0.3	976.7	92.0	+0.1	116	V	69.9	+0.5	45	I	73.9	89.2	64.4	69.2	18.0	+1.9	16.1	62	+8	36
	1,037	972.4	-0.4	969.2	90.5	+0.3	115	V	66.5	+1.1	39	XII	71.1	90.2	63.3	68.6	17.6	+0.1	16.6	67	+5	37
	1,8-2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

\*Data incomplete hence no means.  
 †Data for Kashmir station not available hence no means.  
 ‡Data not available for complete year hence no annual means

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—contd.

Cloud amount (tenths of sky)			Rainfall, inches.				Number of rainy days (0.10" or more).		Wind velo- city, miles per hour.		Wind direction—Number of winds during the year from:—																				STATION.		
Mean I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.										17 hrs. I. S. T.												
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm					
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
3.5	0	3.3	46.44	-5.62	5.10	VII	58	+2.4	3.4	-0.1	10	2	162	8	4	5	21	7	76	14	7	99	16	4	5	110	59	71			U. P., East.		
3.4	+0.9	3.1	47.24	-2.92	6.46	VII	56	-17.0	2.0	+1.0	7	60	81	31	10	31	45	4	96	10	31	30	35	12	23	84	37	85			Gonda.		
3.4	+0.5	3.5	29.16	-11.81	2.86	VII	47	-6.0	4.8	-1.9	9	25	63	27	31	116	39	4	46	31	26	36	8	5	25	113	96	25			Gotakhpur.		
4.1	+0.5	4.2	34.55	-7.27	3.39	VII	41	-14.1	3.6	+0.1	8	20	50	10	23	32	72	15	100	54	29	30	11	9	15	84	87	37			Benares.		
3.1	0	3.3	33.55	-1.24	4.42	IX	32	-21.2	2.3	-0.6	0	14	36	21	8	18	53	38	177	12	20	23	1	1	12	37	92	167			Allahabad (Bam- rauli), Fatehgarh.		
3.2	-1.1	3.3	42.90	-7.68	6.08	VIII	20	+4.3	5.8	+0.6	19	30	57	32	24	56	66	17	61	69	59	33	12	9	29	76	88	22			Cawnpore.		
3.3	-0.7	3.1	49.60	-9.67	12.27	VII	18	-1.2	2.0	+0.2	4	5	85	9	20	12	58	15	157	10	4	45	4	17	9	91	23	153			Lucknow.		
3.4	+0.9	3.2	54.54	-8.58	4.68	VII	62	-14.0	3.7	-1.4	9	9	80	53	4	18	20	25	147	4	0	37	38		34	43	38	165			Bahraich.		
																															U. P., West.		
3.0	+0.4	3.0	42.11	-5.24	4.62	VII	59	-12.4	2.1	-0.7	6	26	4	2	11	58	72	29	166	8	17	12	2	7	31	110	69	106			Jaunpur.		
3.2	-0.7	3.0	41.37	-14.63	4.75	IX	48	-10.6	2.4	-1.0	19	12	24	3	25	28	53	13	1187	34	10	27	0	24	26	47	72	108			Agia.		
3.2	-0.1	3.3	27.09	-4.98	1.77	VI	16	-7.0	2.5	+0.6	12	10	75	45	18	46	12	61	51	16	14	31	50	16	35	89	86	48			Meerut.		
3.0	-0.5	3.5	23.19	-2.51	0.77	IX	41	2.2	4.0	0	13	3	65	16	7	7	105	15	124	43	0	48	13	7	15	63	103	61			Aligarh.		
3.0	-0.6	3.1	41.89	-2.24	5.12	VIII	47	-0.3	2.9	-1.0	24	16	73	54	13	22	54	28	81	43	18	33	20	8	20	86	57	80			Bareilly.		
3.3	+0.2	3.1	49.14	-7.82	6.73	IX	31	-3.2	2.5	-0.4	4	16	4	148	1	12	5	25	120	7	16	6	90	5	21	12	162	144			Boothby.		
3.5	-0.7	3.9	108.21	-15.91	2.7	VII	81	-8.0	1.9	-0.1	37	50	4	8	7	9	35	20	210	30	13	5	17	20	40	91	34	106			Dehra Dun.		
																															PUNJAB, East.		
2.4	-0.5	2.8	20.24	-6.61	2.82	IX	42	-5.9	4.5		10	18	34	32	19	47	105	35	65	57	34	36	27	10	11	40	119	29			New Delhi.		
																															Hissar.		
																																Ambala.	
2.5	-0.2	2.4	55.22						1.9	+0.3	6	28	15	0	10	53	26	29	119	12	52	0	23	3	17	10	65	73			Fudhina.		
																																KASHMIR.	
																																Srinagar.	
																																Gulmarg.	
																																Dras.	
																																Yeh.	
																																Skardu.	
																																Gulistan.	
																																Moghar.	
																																	RAJPUTANA, West.
1.2	0.7	1.2	8.46	1.81	2.70	VIII	12	-6.5	4.0	-1.3	4	9	31	29	17	92	6	8	161	15	56	17	6	1	59	44	52	145			Sri Ganganagar.		
1.0	-1.1	1.4	6.91	1.53	1.89	X	16	-6.0	7.8	-6.9	1	20	2	20	3	149	7	16	157	12	72	1	18	1	141	20	56	44			Bikaner.		
2.4		2.5	4.74	-1.15	1.80	IX	8	-6.1	9.6		18	10	9	50	77	145	18	9	127	51	55	5	20	50	117	30	62	9			Phalodi.		
2.5	-0.7	2.8	14.97	-0.75	2.00	VIII	13	-7.0	4.2	-3.7	4	115	6	2	20	62	61	7	90	21	48	19	16	8	101	65	29	48			Jaipur.		
2.4	+0.5	2.2	19.21	-1.62	2.50	VIII	7	-9.4	5.3	-0.4	0	5	2	7	20	58	42	84	105	21	45	5	13	38	110	40	26	61			Banswar.		
																																RAJPUTANA, East.	
2.6		2.1	21.38		3.31	VIII	32		4.1		2	5	42	85	8	69	46	7	588	31	10	27	14	5	43	108	102	16			Sikar.		
1.7	+0.5	4.3	21.80	-2.16	1.66	VIII	44	+4.4	5.2	+1.0	28	20	44	13	7	18	46	45	124	69	11	26	13	17	32	99	66	75			Jaipur.		
2.4	-0.2	2.4	18.07	-1.49	2.20	IX	36	+12.2	5.2	+1.5	4	11	2	6	4	76	77	6	174	10	32	6	12	2	100	108	25	104			Ajmer.		
3.1	+0.3	3.6	18.6	14.52	4.58	IX	46	+3.5	3.5	+1.0	11	0	8	2	3	45	98	59	119	34	30	13	11	5	44	74	56	68			Kotah.		
3.0	-0.1	3.4	62.42	+26.17	9.71	VII	54	+7.7	4.0	+0.8	20	16	7	13	14	42	72	45	197	55	55	15	9	5	46	77	65	42			Dudhgarh.		
																																Rajmunda.	

\*Total for 350 days.  
†Total for 261 days.‡Total for 216 days.  
§Total for 399 days.¶Total for 263 days.  
\*Total for 352 days.

\*\*Total for 350 days.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of bar, above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %.		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
GUJARAT																						
Deesa*	460	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Bhuj	343	997.4	-0.1	994.6	91.5	+0.4	111	V	63.4	+0.3	41	XII	71.1	89.3	66.0	69.3	20.8	+0.4	16.1	74	+8	34
Dwarka	37	1,007.9	-0.7	1,006.0	84.2	-0.2	94	IV	73.1	+0.1	50	I, XII	74.8	81.7	70.8	73.5	24.0	+0.5	25.2	80	0	67
Jamnagar	60	1,007.2	-0.4	..	88.7	-0.7	107	V	69.5	+1.5	48	I	75.1	..	69.0	..	23.8	+1.4	..	75	+1	..
Rajkot	432	994.3	-0.3	991.2	92.8	-0.1	112	V	67.6	+1.2	44	I	70.8	90.6	66.1	70.1	21.3	+1.6	16.7	76	+7	35
Veraval	26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Surat	39	1,008.0	-0.5	1,004.6	91.7	+0.2	100	IV	71.8	+1.4	52	I	75.1	88.0	70.3	76.2	24.0	+1.6	25.8	76	+5	58
Bhavnagar	55	1,007.6	-0.4	1,004.2	92.7	-0.8	110	V	68.8	-0.2	47	I, II	71.5	90.5	65.3	71.3	19.7	+0.4	18.0	80	+8	38
Ahmedabad	163	1,004.0	-0.3	1,000.5	92.0	-1.6	109	IV, V	71.8	+1.1	51	I	74.0	91.1	66.7	71.7	20.2	+1.1	18.3	66	+4	35
Dohad	1,093	972.4	..	969.5	91.0	0	110	V	68.0	+0.9	43	XII	70.8	88.2	64.3	69.6	18.6	-0.2	19.6	69	0	35
Baroda	116	1,005.6	..	1,002.1	93.8	+0.4	111	IV, V	67.0	+1.7	43	I	71.6	90.5	67.1	73.5	21.9	+1.9	20.0	78	+0	44
CENTRAL INDIA, WEST.																						
Neemuch	1,626	954.0	-0.3	951.5	89.0	+0.3	114	V	65.6	+1.0	41	XII	69.3	86.4	62.6	68.1	17.0	+1.3	10.7	69	+0	40
Indore	1,823	947.3	-0.5	944.4	87.7	-0.5	112	V	64.4	+0.6	41	XII	68.3	85.9	62.7	67.3	17.0	+0.9	15.5	74	+11	39
Bhopal	1,643	953.3	-0.2	950.5	88.7	+0.3	114	V	66.1	+0.8	43	I	71.3	85.7	63.5	68.1	17.7	+1.5	16.6	67	+8	43
Guna	1,571	955.5	-0.1	953.1	89.5	+0.0	114	V	64.4	+1.4	36	XII	68.7	86.7	61.7	67.0	17.0	+0.9	16.3	69	+7	40
Gwalior	681	984.0	..	981.9	91.2	..	118	V	67.3	..	38	I	74.7	88.2	64.2	69.0	17.1	..	17.5	58	..	42
Madhosagar	757	982.7	..	979.2	91.2	..	118	V	69.9	..	44	I	72.6	87.6	64.0	68.9	18.1	..	16.5	61	..	39
CENTRAL INDIA, EAST.																						
Nowgong	750	982.8	-0.3	979.5	90.6	+0.9	117	V	65.2	-0.1	37	I	71.0	87.6	64.4	70.2	19.2	+1.0	18.3	72	+5	45
Sutna	1,041	972.2	-0.7	969.4	90.1	+1.7	116	V	65.7	-0.2	38	I	71.3	86.5	64.5	69.2	18.9	+1.2	17.2	71	+8	42
Umaria	1,506	957.3	..	954.3	88.5	+0.7	113	V	65.0	+0.9	40	I, XII	71.3	85.0	63.8	68.9	18.1	+0.6	18.1	69	+6	47
BERAR.																						
Akola	925	977.3	-0.7	973.4	93.3	0	118	V	69.5	+1.7	49	XII	73.2	90.7	65.4	70.3	18.5	+1.5	16.3	65	+6	36
Amraoti	1,213	967.0	-0.1	964.3	91.4	-0.6	116	V	70.6	+0.4	52	XII	74.3	89.3	65.8	71.1	18.4	+1.3	18.1	63	+5	49
C. P., WEST.																						
Khandwa	1,044	973.2	-0.7	969.5	92.1	-0.2	117	V	67.8	+0.8	47	XI, XII	73.2	89.5	64.8	69.7	18.0	+1.2	10.2	63	+2	38
Hoshangabad	992	975.2	-0.6	971.5	89.2	-0.6	115	V	68.4	+0.7	47	XII	71.8	87.4	64.7	69.7	18.5	+1.1	17.2	68	+6	42
Saugor	1,808	947.3	-0.3	944.5	86.9	-1.0	113	V	67.5	+0.9	43	I	71.8	83.4	62.4	65.8	16.2	+0.9	15.2	59	+3	41
Jubbulpore	1,289	964.8	-0.1	961.5	89.5	+1.2	114	V	65.3	+1.6	42	I, XII	71.7	85.7	64.4	69.3	18.2	+0.8	17.5	69	+3	45
Seoni	2,027	940.7	0	937.8	87.3	-0.1	112	V	65.8	+1.1	45	XII	72.2	83.6	63.1	67.7	17.6	+1.1	17.1	65	+4	46
Nagpur	1,022	973.9	-0.5	970.4	92.0	-0.1	117	V	70.8	+0.7	52	XII	75.4	88.8	66.4	70.6	18.6	+0.6	17.6	63	+4	42
C. P., EAST.																						
Gondia	1,026	974.2	..	970.7	90.0	..	115	V	69.4	..	48	II	74.3	87.5	67.8	71.5	20.9	..	19.5	72	..	47
Pendra	2,040	939.6	-0.4	936.8	86.0	+1.6	110	V	66.5	+1.9	44	I	72.7	81.9	64.5	67.0	18.0	+0.6	17.9	66	+2	51
Champa	805	981.3	..	977.7	91.5	..	117	V	70.6	..	51	I	74.2	88.7	67.3	71.3	20.1	..	19.0	71	..	46
Raipur	970	975.7	-0.1	972.2	90.9	+0.6	116	V	71.2	+1.9	52	I, XII	77.0	87.7	68.2	71.0	20.2	+0.9	18.7	65	+1	48
Tilthagarh	601	984.9	..	981.2	91.7	..	115	V	71.9	..	50	II, XII	75.7	88.9	69.1	72.0	21.9	..	19.7	73	..	47
Kanker	1,318	964.3	+0.1	960.9	89.1	+0.4	112	V	68.7	+1.9	47	XII	75.0	86.4	68.1	73.0	20.0	+1.0	21.9	71	0	55
Chanda	634	987.5	-0.3	983.7	92.2	-0.4	116	V	70.6	+1.8	47	XII	76.0	89.7	69.0	73.9	21.5	+1.4	21.8	72	+7	50
Wardalpur	1,815	947.7	-0.3	944.4	88.0	+0.4	111	V	66.5	+1.7	46	XII	72.5	83.7	67.2	69.4	21.1	-0.2	19.0	76	+1	52
KONKAN.																						
Shanau	15	1,009.0	..	1,007.5	87.4	..	98	XI	72.0	..	54	I	75.2	83.9	72.1	77.0	26.2	..	31.3	86	..	72
Nemlay	33	1,008.3	-0.7	1,005.0	87.7	+0.9	99	IV	74.7	+0.9	62	I, II	77.8	83.6	73.5	76.0	26.6	+1.0	27.4	81	+2	69
Allbag	23	1,009.5	+0.1	..	86.1	+0.3	101	IV	72.8	+0.2	56	I	76.3	..	72.4	..	25.7	+1.2	..	82	+5	..
Urnal	66	1,006.0	..	1,005.4	84.7	..	94	XI	75.0	..	60	II	78.6	82.1	73.0	76.4	25.6	..	26.8	76	..	76
Devgad	117	1,005.8	..	1,003.2	87.0	..	95	VI	76.3	..	63	XII	78.3	83.7	74.3	77.5	27.2	..	29.4	82	..	75
Marmagao	202	1,003.6	+0.1	1,000.5	85.5	+0.7	93	IV, XI, XII	74.8	+0.2	65	I	79.2	82.9	73.9	75.8	26.4	+0.6	27.3	77	-3	71
Konavar	85	1,008.2	..	1,005.3	87.6	..	96	XII	73.4	..	60	II	77.4	83.9	73.3	76.8	26.4	..	28.3	82	..	73

\*Data not reliable hence no annual means.  
†Data incomplete hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—contd.

Cloud amount (tenths of sky).			Rainfall, Inches.				Number of rainy days (0.10" or more).		Wind velo- city, miles per hour.		Wind direction—Number of winds during the year from :—																		STATION		
											8 hrs. I. S. T.										17 hrs. I. S. T.										
Mean 4 hrs. I. S. T.	Departure from normal	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm			
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
																														GUJARAT.	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Deesa.*		
2.7	-0.3	2.5	9.09	-4.33	2.35	VIII	15	-0.8	0.8	-0.3	1	2	1	12	5	78	83	12	179	64	26	6	0	0	86	118	24	225	Bhuj.		
3.0	+0.1	3.3	13.93	0	2.36	VIII	17	-1.2	11.8	+2.0	60	62	8	2	2	47	110	55	13	21	21	3	1	0	54	141	124	0	Dwarka.		
3.8	-1.0	..	22.57	-3.31	5.82	VIII	18	-2.3	7.1	-2.6	13	16	2	3	1	80	98	0	143	..	..	..	..	..	..	..	..	..	Jamnagar.		
3.1	-0.6	2.0	18.27	-6.53	2.82	IX	31	+1.0	0.5	+2.3	11	20	22	11	26	86	72	35	82	38	43	25	10	11	61	94	69	14	Rajkot.		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Vernaval.†		
4.5	+0.6	3.7	37.05	-4.62	3.85	IV	40	-2.6	5.1	+0.7	16	43	33	29	21	77	40	16	99	17	22	2	2	20	165	57	62	18	Surat.		
2.9	-0.7	3.6	59.17	-51.08	12.07	IV	35	+5.2	5.1	0	10	3	2	3	27	120	130	17	51	24	52	50	29	50	68	49	23	20	Bhavnagar.		
2.5	-0.3	3.2	25.58	-3.63	2.77	VII	38	+2.0	3.0	-6.1	18	60	45	5	20	61	46	47	63	17	29	10	12	20	60	64	46	69	Almedabad.		
4.3	-0.4	3.3	16.35	-11.80	2.59	VIII	29	-11.2	10.6	+5.2	8	31	41	25	38	85	103	6	28	31	25	16	11	14	91	152	17	8	Dahad.		
3.6	+0.3	3.4	31.06	-5.63	2.81	IV	41	+1.4	3.8	-0.6	8	23	6	6	14	77	45	10	171	29	22	13	4	10	78	73	48	88	Baroda.		
																														CENTRAL INDIA, WEST.	
4.1	-1.1	4.7	37.53	-6.42	6.99	IX	38	+1.9	6.3	+0.4	17	85	20	7	4	62	97	21	52	10	99	11	9	2	96	88	24	23	Neemuch.		
3.9	+0.2	4.3	58.08	+3.56	3.27	VIII	32	+5.3	4.1	+0.6	9	23	29	29	5	56	102	15	101	32	59	13	28	12	74	84	39	24	Indore.		
4.0	+0.5	4.4	53.92	+3.61	9.18	IX	59	-3.9	4.2	+0.5	0	20	4	13	7	50	98	25	141	18	51	10	0	11	33	129	37	71	Bhopal.		
3.1	-0.5	3.6	53.26	+5.93	11.75	IX	51	-1.9	4.7	+0.9	9	3	4	22	8	62	56	11	100	35	7	12	8	7	50	85	55	106	Guna.		
3.5	..	4.0	41.99	..	5.99	VII	53	..	2.4	..	8	7	8	7	18	27	68	37	167	30	24	15	10	6	18	41	86	129	Gwalior.		
3.5	..	3.8	49.22	..	3.11	VIII	57	..	5.7	..	19	25	9	5	25	138	60	22	59	57	50	14	12	15	43	65	89	20	Madhosagar.		
																														CENTRAL INDIA, EAST.	
3.3	-0.3	3.0	49.47	+6.22	4.27	VII	59	+9.9	3.2	+1.2	8	23	0	5	49	140	30	7	88	38	60	6	3	10	77	74	58	39	Nowgong.		
3.0	+0.4	4.2	42.77	-2.63	3.77	IX	56	-0.2	3.3	0	9	8	20	18	16	72	73	17	132	16	26	23	8	4	46	107	80	55	Sitna.		
3.8	-0.4	4.2	61.28	-7.29	10.48	VIII	66	-2.1	3.0	+0.1	12	4	29	25	45	47	82	3	115	60	32	20	8	8	27	117	52	41	Umaria.		
																														BIHAR.	
3.6	-0.1	4.1	28.23	-3.52	3.29	IX	49	-5.1	5.7	+1.1	4	24	21	11	11	20	131	35	105	32	63	18	8	19	13	73	109	37	Akola.		
4.2	+0.6	4.8	67.16	-13.64	5.62	IX	51	+1.5	5.1	-2.3	8	107	65	15	17	26	16	30	1	12	71	8	35	2	104	8	119	2	Amraoti.		
																														C. P., WEST.	
4.5	+1.3	5.0	23.16	-7.57	3.20	VII	41	-1.1	..	..	18	29	20	19	26	48	109	31	65	62	42	23	15	16	42	80	72	8	Khandwa.		
4.4	+0.8	4.8	68.43	-18.37	6.42	IX	74	+17.4	3.2	-0.7	6	46	73	16	22	77	63	4	50	32	34	48	9	13	58	103	29	59	Hoshangabad.		
4.8	+1.4	5.3	78.58	-31.52	6.27	IX	61	+2.6	9.1	-0.7	11	54	38	46	27	72	86	27	4	41	50	24	14	7	70	91	66	30	Saugor.		
4.1	+0.6	4.5	65.79	-8.15	4.32	VII	68	3.1	3.8	-1.6	14	11	13	95	32	41	70	8	61	48	74	13	25	16	57	52	48	32	Jubbulpore.		
5.5	-2.4	4.8	68.93	-15.27	8.19	IX	78	-2.6	3.5	+0.4	52	46	9	30	23	37	44	27	102	70	40	32	37	49	38	47	32	14	Seoni.		
4.5	+0.5	5.2	48.82	-6.62	3.55	VIII	73	+10.1	3.6	-1.3	131	22	11	5	31	32	54	43	56	56	54	37	13	26	30	86	29	34	Nagpur.		
																														C. P., EAST.	
3.7	..	3.9	65.25	..	5.93	VIII	68	..	3.2	..	64	30	19	39	21	66	28	48	831	74	41	18	22	17	60	50	..	112	Gondia.		
4.1	-0.1	4.6	51.15	2.01	5.69	VIII	71	-6.7	4.1	+0.6	69	18	11	16	69	29	27	79	56	113	23	15	18	53	28	27	70	18	Pendra.		
4.3	..	4.8	70.28	..	13.67	VII	74	..	4.8	..	90	33	23	14	8	40	59	69	47	70	22	17	10	18	33	75	90	24	Champa.		
4.2	-0.6	4.6	84.64	31.29	6.99	VII	71	-6.7	4.2	+0.5	6	59	3	10	2	86	10	34	124	12	119	1	7	1	76	15	58	76	Rajpur.		
4.9	..	4.3	54.12	..	5.36	VIII	76	..	2.5	..	14	15	3	34	67	41	11	6	174	58	48	8	16	33	42	37	37	86	Tillagarh.		
5.9	+1.3	6.4	62.74	-4.61	6.78	VIII	69	-2.9	3.9	+0.4	3	7	1	2	3	72	31	8	258	26	24	4	9	0	70	58	54	12	Kanker.		
4.1	-0.4	4.8	52.18	-0.65	4.12	VIII	69	-0.7	3.9	+0.9	0	24	3	42	2	62	9	96	127	21	40	27	49	3	32	10	98	94	Chanda.		
4.6	-0.4	5.4	70.19	7.14	3.22	VII	97	+14.6	3.9	+1.3	0	59	0	8	3	131	3	44	137	0	63	0	9	1	140	8	83	61	Jagdishpur.		
																														KONKAN.	
5.1	..	4.9	77.35	..	7.61	VIII	64	..	9.6	..	15	21	133	67	7	37	56	6	3	32	1	1	1	2	54	135	76	11	Dahanu.		
4.4	+0.1	3.7	77.08	-5.87	19.65	IX	72	-1.7	7.6	-0.6	23	62	54	24	13	25	56	58	49	102	0	3	3	8	29	82	127	1	Bombay.		
4.3	-0.6	..	71.79	-10.63	4.84	IX	85	+1.2	6.4	-1.9	29	53	77	26	6	50	31	5	94	..	..	..	..	..	..	..	..	..	..	Alibag.	
4.7	..	4.6	78.41	..	4.87	VIII	82	..	10.1	..	12	79	121	25	11	14	41	61	1	5	1	4	2	2	12	97	212	0	Harad.		
4.9	0	4.7	106.49	+5.74	6.26	VI	92	-6.8	8.6	+1.5	37	57																			

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of bar, above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %				
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 6 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
BOMBAY, DECCAN.																						
Jalgaon . . . . .	660	986.0	..	982.0	94.2	..	118	V	68.2	..	45	I, XII	72.9	92.4	66.4	73.3	16.0	..	10.7	70	..	41
Malegaon . . . . .	1,432	980.7	-0.5	956.9	92.2	0	111	V	66.2	+1.0	6	XII	71.9	89.1	64.3	69.3	17.9	-0.8	15.9	65	+4	36
Ahmednagar . . . . .	2,154	936.9	-0.7	933.0	90.0	+0.3	109	V	65.2	+1.0	44	I	71.1	86.8	63.4	68.5	17.5	+1.1	16.6	66	+7	40
Poona . . . . .	1,831	947.0	-0.3	944.8	89.7	+0.3	107	V	65.7	+1.2	47	I, XII	69.4	86.0	64.8	69.1	19.5	+1.8	17.4	78	+6	44
Sholapur . . . . .	1,570	958.9	+0.1	952.9	93.0	+0.3	111	V	69.0	+0.5	51	XII	73.5	89.6	65.8	70.0	18.9	+1.8	17.1	66	+7	39
Miraj . . . . .	1,817	948.4	..	944.9	90.3	+1.7	106	V	66.9	+0.9	48	XII	70.7	86.4	65.8	70.6	20.3	-1.0	16.4	77	+5	47
Kolhapur . . . . .	1,885	946.5	..	943.3	87.9	..	104	V	66.7	..	50	XII	69.9	84.6	65.2	69.6	19.6	..	18.0	77	..	47
Bhauri . . . . .	1,950	944.0	+0.5	946.9	90.1	-0.0	105	V	..	..	50	XII	73.3	87.9	66.4	69.6	19.7	+1.1	17.4	69	+2	41
Bengaz . . . . .	2,562	921.4	-0.2	921.6	84.0	-0.7	100	V	64.1	0	53	I, II, XI	68.1	80.1	64.4	67.9	19.3	+1.0	18.4	82	+6	56
Cadap . . . . .	2,131	938.0	0	935.3	88.7	+0.1	105	V	68.4	+0.5	57	XII	73.3	85.8	67.4	71.3	21.0	+1.2	20.6	75	+1	36
HYDERABAD, NORTH.																						
Aurangabad . . . . .	1,906	945.7	-0.3	942.1	90.7	+0.3	110	V	67.8	+1.3	51	XII	73.0	87.7	65.3	70.4	18.6	+2.5	18.5	67	+8	44
Parbhani . . . . .	1,350	962.3	..	958.3	93.2	..	114	V	68.3	..	49	XII	74.0	90.1	66.4	70.9	19.2	..	17.6	64	..	39
Bidar . . . . .	2,178	936.1	..	932.6	87.2	-1.5	107	V	70.1	+1.6	57	I	74.6	85.2	67.2	69.1	19.0	+0.7	17.9	69	+1	46
Nizamabad . . . . .	1,250	960.5	-0.6	962.8	92.0	0	113	V	71.0	+2.1	40	XII	74.7	89.6	67.5	70.4	19.8	+0.3	16.9	69	+3	39
Peddapalli Δ . . . . .	755	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HYDERABAD, SOUTH.																						
Gulbarga ⊗ . . . . .	1,503	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raleghur . . . . .	1,311	965.2	-0.3	961.3	91.8	-0.7	109	V	72.5	+0.7	59	I, XII	76.0	89.7	69.3	71.7	21.7	+1.0	18.8	71	+4	39
Hyderabad (Begumpet) . . . . .	1,778	949.5	0	946.0	90.5	+0.1	109	V	69.0	+1.5	50	XII	73.9	86.6	68.3	71.1	21.6	+1.0	20.2	76	+4	50
Hanamkonda . . . . .	881	979.2	-0.5	975.5	92.5	+1.2	114	V	73.1	+1.6	55	XII	76.7	89.7	70.8	72.0	23.3	+1.4	19.0	75	+5	44
Khammameth . . . . .	367	997.0	..	992.8	63.6	..	117	V	72.0	..	54	XII	78.5	91.1	73.9	75.7	26.9	..	23.8	80	..	52
MYSORE.																						
Chitaldrug . . . . .	2,405	929.5	-0.1	926.0	86.6	-0.8	101	IV	65.2	+0.3	55	XII	71.8	84.3	67.1	69.0	20.9	+1.3	18.0	78	+0	45
Hassan . . . . .	3,149	906.0	..	903.2	82.9	-0.9	95	IV, V	64.6	+1.2	52	II, XII	68.4	86.5	65.2	67.8	20.0	+0.5	18.0	84	+5	68
Bangalore . . . . .	3,021	909.8	-0.3	906.8	83.3	-0.7	96	V	65.7	+1.7	54	II	68.9	80.4	65.5	66.2	20.1	+0.5	16.3	83	+3	49
Mysore . . . . .	2,518	926.1	-0.1	923.1	84.6	-1.7	97	IV	66.9	+0.7	56	I	70.0	82.7	66.7	68.1	21.2	-0.7	17.7	81	+6	48
MALABAR.																						
Mangalore . . . . .	72	1,008.4	-0.1	1,005.5	86.7	-0.6	93	I, XI, XII	74.9	+0.5	67	II, XII	78.0	83.5	74.2	76.8	27.3	+0.7	28.6	83	+4	73
Calicut . . . . .	27	1,009.7	-0.4	1,006.8	87.4	+0.5	95	V	75.0	+0.4	64	II	77.5	85.4	74.5	78.1	27.0	+0.4	26.3	87	+1	72
Palghat . . . . .	319	999.9	..	996.3	80.6	..	102	III	74.5	..	68	XI	77.4	85.9	73.9	75.8	27.1	..	26.0	84	..	64
Cochin . . . . .	10	1,010.7	-0.3	1,007.6	85.7	+0.2	91	I, XI	75.9	+0.2	69	I	79.2	83.4	75.6	77.4	28.7	+1.4	29.4	84	+2	76
Alleppey . . . . .	12	1,010.4	..	1,007.5	87.6	..	94	III	75.7	..	68	I	79.6	84.1	76.5	77.9	29.9	..	29.8	87	..	75
Trivandrum . . . . .	21	1,003.6	-0.2	1,000.7	86.7	..	95	III	74.4	..	68	XII	76.9	83.1	74.5	76.5	28.1	+0.9	28.1	89	+4	73
Nagercoil. . . . .	185	1,003.9	..	1,000.0	80.2	..	97	IV	75.9	..	71	I, XI, XII	79.1	84.1	73.7	75.7	26.2	..	26.6	77	..	67
MADRAS, SOUTH-EAST.																						
Pamban . . . . .	37	1,009.1	+0.1	1,006.0	87.5	-0.2	93	IV, V	78.3	+0.0	73	III, IV, XII	82.5	82.8	77.9	78.2	30.7	+1.3	30.9	81	-1	81
Madura . . . . .	437	995.3	-0.2	991.5	82.8	+0.2	103	IV, V	75.3	+1.1	65	XII	80.0	89.0	73.7	75.1	25.7	+1.2	24.0	73	+1	53
Negapatnam . . . . .	31	1,009.1	-0.2	1,005.9	89.4	-0.6	102	IV	77.1	+0.5	68	II, XII	80.8	85.3	75.3	77.2	27.6	+0.3	28.3	77	0	69
Trichinopoly . . . . .	255	1,001.9	0	998.0	92.9	-1.2	105	V	75.0	+0.4	63	II	79.5	90.1	73.6	75.3	25.7	+1.8	23.4	75	+3	40
Coimbatore . . . . .	1,341	961.8	-0.4	961.3	88.7	-0.6	97	III, V	71.1	+1.2	60	XII	74.4	85.1	70.3	71.9	23.5	-0.6	20.9	81	-1	52
Salem . . . . .	913	979.2	-0.4	974.9	91.9	-0.9	105	V	72.7	+1.1	62	II, XII	75.1	83.2	70.9	73.6	24.1	-0.5	21.6	81	+3	49
Cuddalore . . . . .	59	1,008.9	-0.1	1,005.4	89.7	+0.6	105	IV	75.7	+0.7	61	XII	78.5	85.5	74.4	77.1	27.3	-0.3	25.1	83	+3	63
Vellore . . . . .	703	959.1	+0.1	982.2	91.4	-0.3	107	IV	73.6	+1.1	58	XII	77.3	88.8	72.6	75.3	25.4	+1.0	23.9	79	+1	52
Madras . . . . .	51	1,018.2	-0.2	1,004.8	90.9	-1.3	107	V	75.9	+1.0	64	XII	80.3	85.9	75.0	76.2	27.3	+1.0	26.6	78	+2	63
Arcot.	2,299	913.2	..	920.8	86.3	..	102	V	68	..	53	II	72.3	83.2	67.8	69.2	21.1	..	8	76	..	51



Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height at bar, eleven above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb tempera- ture, °F.		Wet bulb tempera- ture, °F.		Vapour pressure, millibar.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>MADRAS, DECCAN.</b>																						
Cuddapah . . .	428	995.8	+0.1	991.2	94.2	-1.1	112	V	74.0	+0.2	59	XI, XII	82.1	89.9	73.1	74.0	23.8	-0.3	22.8	64	-5	50
Anantapur. . .	1,148	970.7	..	966.5	92.0	..	107	V	72.4	..	55	XII	76.8	89.7	69.8	71.5	21.9	..	18.9	69	..	41
Bellary . . .	1,473	959.0	-0.3	956.0	91.1	-1.8	100	V	72.3	+1.2	60	II, XI, XII	75.8	88.9	68.6	70.8	20.8	+1.4	17.7	69	+5	41
Turuvol . . .	923	973.6	0	974.2	93.1	-0.6	109	V	72.2	+0.6	51	XII	76.7	90.9	70.0	72.0	22.2	+1.1	18.5	71	+3	40
Chintala . . .	318	997.5	..	993.4	94.2	-0.1	110	V	74.4	+0.3	57	XII	78.7	91.9	72.2	74.1	24.3	+0.7	20.7	73	+1	43
<b>MADRAS, COAST NORTH.</b>																						
Nore . . .	66	1,007.1	-0.6	1,003.8	93.6	+0.2	112	V	76.1	+0.6	62	XII	80.1	88.4	74.8	77.1	27.1	+0.0	26.7	78	+2	50
Angole. . .	38	1,008.1	..	1,004.6	92.1	..	112	V	75.8	..	63	II, XII	79.9	87.7	74.4	76.7	26.7	..	26.5	77	..	60
Nasullipattam . .	10	1,009.2	-0.4	1,005.8	89.2	-0.9	111	V	75.9	+1.4	63	II	79.9	85.8	75.6	76.9	28.5	+0.4	27.7	82	+1	60
Cocanada . . .	26	1,008.8	-0.1	1,005.4	88.0	-1.3	112	VI	75.7	+0.8	62	XII	81.1	85.1	75.5	76.6	27.0	+0.9	27.7	76	-2	68
Vizagapatam . . .	126	1,004.8	-0.3	1,001.9	86.5	-0.4	101	IV	75.9	+0.4	62	XII	80.0	83.0	74.4	76.2	26.8	+0.8	23.0	76	+2	72
Calingapatam . . .	19	1,008.3	-0.3	1,005.3	87.1	-1.2	107	IV	74.5	+0.6	59	XII	77.2	83.4	73.4	76.4	26.0	-0.5	23.2	83	+2	72
<b>HILL STATIONS EXCLUDING KASHMIR.</b>																						
Shillong . . .	4,921	849.3	-0.1	846.8	70.5	+0.6	80	IV, VII, IX	53.6	+0.1	30	I	63.7	64.5	57.6	59.8	14.5	0	16.2	68	-4	76
Cherrapunji . . .	4,309	868.5	+0.2	865.9	69.2	+0.3	79	V, VIII, IX	67.8	+0.2	40	I	64.4	64.4	59.6	60.9	16.0	-0.1	17.3	75	-1	82
Aijal . . .	3,699	..	..	..	..	..	..	..	60.7	..	42	III, XII	66.9	69.5	63.4	65.1	18.9	..	19.9	83	..	80
Darjiling . . .	7,432	775.5	-0.3	773.6	61.1	+2.5	74	V	48.7	+0.8	30	I	53.9	54.3	51.0	52.2	12.2	0	13.0	83	0	87
Kallimpong . . .	3,965	878.1	-0.7	875.7	71.5	+1.4	82	5th months	53.3	0	43	I, XII	61.7	65.4	59.4	62.3	17.1	+0.4	18.6	87	+6	83
Katmandu . . .	4,388	866.0	..	863.6	78.5	+0.8	94	V	53.3	-0.3	31	XII	58.9	71.7	56.0	62.6	15.1	+0.4	16.6	85	+5	61
Muktesar . . .	7,592	771.1	-0.7	769.7	64.3	+1.3	83	V, VI	49.5	+1.2	29	I	53.3	58.9	46.4	51.4	9.1	+0.1	10.9	61	0	63
Mussooree . . .	6,090	795.9	..	793.5	65.1	+1.6	83	VI	62.1	+1.6	29	II	57.8	59.8	50.1	53.2	10.3	+0.1	12.1	60	-6	68
Simla . . .	7,224	780.8	0	779.9	63.7	-1.3	85	V, VI	50.8	+1.4	29	I	56.0	59.0	47.0	51.5	8.4	-0.1	10.3	62	-1	58
Abu* . . .	3,045	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pachmarh . . .	3,528	893.1	0	890.1	79.7	-0.4	104	V	61.4	+0.6	40	XII	66.5	77.2	60.0	61.8	15.7	-0.4	16.2	71	+8	51
Mahabaleshwar . .	4,534	862.3	-0.2	860.1	71.7	+0.2	92	IV	61.1	+0.1	52	I	63.1	70.1	57.7	62.9	15.2	-1.4	16.7	73	+3	69
Mercara . . .	3,781	885.3	-0.4	883.4	73.1	-3.0	88	III	61.9	+0.6	51	XI	64.7	72.4	62.8	66.7	18.8	+0.5	20.1	90	+2	75
Ootacamund . . .	7,364	786.3	+0.4	778.8	67.1	+1.1	78	V	48.5	-0.5	30	XI, XII	53.0	61.4	50.7	56.6	11.9	-0.8	13.9	86	+12	70
Coonoor . . .	6,730	826.9	..	..	..	..	..	..	54.8	+0.2	39	II, XII	62.5	..	57.0	..	14.0	+0.6	..	73	+4	..
Kodallanal . . .	7,688	771.4	+0.6	769.9	63.8	0	74	V	51.5	+0.8	42	XII	55.2	58.1	51.0	55.1	11.3	+0.5	13.8	76	+6	81
<b>CEYLON.</b>																						
Colombo . . .	24	1,010.2	-0.1	1,007.4	86.2	-0.6	92	II	75.0	-0.1	65	II	76.0	82.8	74.0	76.4	28.2	0	25.1	86	-2	73
Trincomalee . . .	4	1,009.3	+0.1	1,006.2	87.5	-1.3	98	VII	70.7	+0.4	65	II	79.5	84.7	75.1	77.0	27.8	+0.1	28.2	81	-3	69
Hambantota . . .	61	1,007.7	-0.7	1,004.8	86.3	0	93	IX	75.2	+0.3	69	XII	77.6	82.9	74.9	77.4	28.3	+0.8	22.7	88	0	77
Mannar . . .	12	1,009.9	..	1,007.0	86.6	..	93	VII	77.6	..	69	II	80.5	83.4	76.4	77.3	29.9	..	29.2	82	..	75

\* Data incomplete hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—concl'd.

Cloud amount, (tenths of sky.)			Rainfall, inches.			Number of rainy days, (0·10" or more).		Wind velo- city, miles per hour.		Wind direction—Number of winds during the year from:—																				STATION.		
Mean 8 hrs. 1. S. T.		Mean 17 hrs. 1. S. T.	Total of the year.	Departure from normal.	Excess or deficit fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. 1 S. T.										17 hrs. 1 S. T.											
21	22										23	24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W			NW
4·5	0	6·0	21·25	+3·00	3·20	IX	47	+1·2	4·7	-1·4	1	0	28	10	5	0	96	13	203	3	0	100	48	1	1	64	23	110	Cuddapah.			
4·9	..	5·3	21·23	-0·03	3·57	IX	41	+6·4	6·7	..	2	11	28	23	6	38	132	20	105	12	74	65	22	4	16	81	25	66	Anantapur.			
6·2	+1·8	6·2	22·48	+2·44	3·60	VI	29	+5·5	4·5	-0·3	6	3	12	10	1	7	106	40	180	14	19	81	20	0	15	06	38	64	Bellary.			
5·4	+1·2	6·0	22·31	+7·72	3·32	VIII	49	+3·9	6·7	+1·2	3	9	38	28	9	36	88	20	94	14	23	84	47	11	28	63	55	31·4	Kurnool.			
4·5	-1·5	5·1	20·43	+8·33	4·00	VI	47	-2·9	5·5	-0·6	3	5	21	45	19	71	73	0	122	35	32	56	20	10	50	53	23	19	Beulichintala.			
																													MADRAS COAST NORTH.			
5·4	0	5·3	20·41	-18·50	1·23	X	49	-4·7	4·7	+0·4	23	3	4	23	63	24	75	71	77	10	41	100	104	20	7	46	30	7	Nellore.			
6·0	..	5·6	20·84	..	5·81	IX	41	..	5·0	..	30	18	2	35	38	50	88	37	58	12	34	78	110	4	14	60	15	20	Ongole.			
5·1	-0·4	4·5	43·27	+1·50	6·27	XII	50	+0·6	6·7	+1·6	60	48	17	38	40	43	52	35	32	16	16	32	110	93	19	34	31	14	Masulipatam.			
4·6	-0·3	4·4	29·72	-1·59	5·00	VII	60	+4·2	7·9	+2·5	14	97	3	29	1	145	21	47	8	1	30	18	141	27	110	11	18	0	Cocanada.			
5·2	-0·2	5·0	49·75	+11·66	5·05	XII	55	-1·2	5·1	+0·9	40	51	2	11	66	84	21	108	6	34	75	34	120	68	17	1	63	63	Vizagapatnam.			
6·6	+2·4	6·6	41·14	-0·79	5·29	IX	44	-7·1	9·4	-2·1	48	5	9	1	17	75	102	108	0	1	23	67	53	73	123	19	6	0	Calicutpatam.			
																													HILL STATIONS EXCLUDING KASHMIR.			
5·1	+0·3	5·7	121·10	+36·46	7·83	VII	120	-8·1	3·3	-0·9	19	11	28	23	24	70	13	0	160	20	11	6	11	20	58	14	24	192	Shillong.			
5·1	-0·6	5·0	45·18	+32·25	29·14	VI	165	+5·3	5·7	+1·1	15	83	60	30	43	87	22	7	18	18	45	16	14	59	141	40	11	41	Cherrapunji.			
4·9	..	5·2	101·84	..	5·07	VI	159	..	5·1	..	2	11	15	29	20	86	25	4	30	3	4	18	13	12	133	123	30	20	Aljai.			
6·5	-0·6	5·5	97·17	-29·25	4·51	VII	127	-5·7	4·7	+1·1	6	19	149	51	9	14	55	16	46	3	11	50	28	17	30	177	16	254	Darjiling.			
5·1	+0·3	6·1	87·15	+0·05	5·49	VII	110	+6·1	5·9	-0·6	21	5	5	54	8	3	24	157	84	5	0	5	223	50	1	1	48	32	Kallimpong.			
7·7	-0·2	5·7	56·61	+0·82	2·56	VII	89	-9·5	0·5	-0·3	1	5	0	2	1	0	1	0	346	41	2	0	3	10	3	29	14	254	Katmandu.			
3·4	-0·7	4·2	48·62	-4·73	3·93	VIII	76	-5·5	7·2	+1·6	2	56	56	16	8	35	162	48	42	0	12	23	17	5	111	162	25	10	Muktesar.			
4·0	-0·5	6·5	162·60	+15·60	7·56	IX	107	+0·2	2·7	-1·9	58	70	17	56	48	17	6	4	100	13	22	4	60	110	69	7	5	6·53	Mussooree.			
3·1	-0·5	4·5	48·15	-12·20	4·34	IX	78	-10·4	1·5	-1·4	58	54	9	36	51	11	1	5	140	61	21	6	23	85	63	12	22	69	Simla.			
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Abu.*			
4·9	+0·8	5·2	122·59	+52·89	12·61	VII	86	+7·1	2·9	-1·2	15	27	13	16	27	46	95	50	70	42	44	16	6	15	19	114	82	27	Pachmarhi.			
4·5	-0·1	5·1	211·46	-47·77	9·76	VII	116	-4·2	3·7	-4·4	7	43	43	33	3	120	2	39	75	3	3	5	7	1	147	12	70	117	Mahabaleshwar.			
5·6	-0·7	5·9	149·10	+12·65	5·29	VII	127	-4·8	6·6	+2·1	1	51	63	6	1	33	19	53	68	4	45	54	10	2	40	113	71	26	Mercaia.			
5·4	+0·1	6·9	42·57	-12·02	3·31	IV	85	-21·2	3·4	-0·2	17	49	35	6	14	23	54	8	168	65	52	51	12	22	29	32	16	81	Dolacanamund.			
7·5	+2·0	..	59·19	-6·32	5·09	IV	70	-15·3	4·3	+0·8	26	4	16	53	54	8	7	11	176	..	..	..	..	..	..	..	..	..	Coonoor.			
5·8	+1·0	7·7	71·47	+4·09	4·29	III	96	+11·1	8·7	+0·6	47	63	39	38	11	9	48	77	42	35	42	18	40	21	5	51	88	69	Kodalkanal.			
																													CEYLON.			
6·8	+0·4	7·1	91·26	+2·72	7·96	V	117	+1·7	..	..	15	58	61	55	22	58	62	10	24	30	20	0	2	10	114	122	62	5	Colombo.			
6·5	+1·7	6·7	..	..	..	..	..	..	..	..	26	37	17	5	29	108	24	13	133	85	41	57	21	6	123	12	7	11	Talpacalea.			
7·3	+2·7	7·9	45·81	+3·60	3·28	IV	67	-4·7	..	..	119	5	0	0	1	127	64	40	84	15	15	48	50	41	188	20	6	0A	Hambantota.			
6·7	..	6·0	29·22	..	3·43	I	61	..	..	..	22	55	41	30	109	96	6	2	6	76	53	10	2	107	06	14	6	18	Methar.			

† Total for 350 days.

\* Total for 301 days.  
 † Total for 354 days.

\*Total for 362 days.  
A Total for 309 days.

311 val for 717 days.  
+ Total for 720 days.

: Total for 54 days.

Table III.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs.)

STATION AND MONTH.	Height of bar, station level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %.		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>SYNCHILLYS.</b> (Indian Ocean.) (10 and 16 hrs. L. M. T.)																						
January	15	1,010.0	-1.3	1,007.9	83.8	+0.7	86	17	74.8	-1.2	70	16	81.9	81.6	75.5	75.5	27.5	-1.2	27.5	73	-1.7	74
February		1,011.5	-0.6	1,008.2	84.5	+0.6	87	28	74.2	-2.5	72	10	82.5	83.3	76.0	76.1	28.7	0	27.5	73	-1.5	73
March		1,011.6	-0.1	1,008.6	86.6	+1.6	89	5	74.8	-2.4	72	4	84.2	83.7	77.4	77.2	29.0	-0.1	29.0	72	-1.4	74
April		1,011.0	-0.4	1,008.0	87.5	+1.5	89	7 days	74.6	-2.9	72	6	85.4	84.9	77.7	77.9	28.9	-0.7	29.5	70	-1.6	72
May		1,011.5	-0.3	1,008.7	89.5	+1.4	91	2	75.2	-2.3	72	2	81.0	82.9	77.0	77.3	28.5	-0.5	29.5	73	-1.9	77
June		1,012.2	-0.4	1,009.4	84.2	+1.6	87	6, 13	75.5	-0.9	71	12	81.9	82.6	75.5	76.0	27.2	+0.3	27.7	69	-1.7	73
July		1,012.0	-1.4	1,009.6	82.5	+1.4	84	4 days	74.2	-1.0	69	10, 6	80.6	80.2	74.4	74.6	26.2	+0.7	26.8	73	-1.3	76
August		1,013.4	-0.1	1,010.7	81.2	-0.3	82	7 days	73.6	-1.6	71	16	79.2	79.4	73.1	73.2	25.1	-0.4	25.1	73	-1.2	71
September		1,013.0	+0.2	1,010.7	81.7	-0.2	83	4 "	72.2	-3.0	69	1, 29	79.2	80.2	73.0	73.9	25.0	-1.5	25.8	73	-1.3	75
October		1,015.2	+1.9	1,011.9	82.5	-0.4	84	5 "	73.2	-2.4	69	20	80.4	80.8	74.3	74.7	26.3	-1.0	26.6	73	-1.3	74
November		1,013.4	+0.0	1,010.2	83.2	-0.5	85	1 "	72.4	-2.8	70	2, 7	80.9	81.1	75.2	75.4	27.3	-0.7	27.5	75	-1.2	76
December		1,011.9	-0.2	1,008.8	82.1	-0.7	86	6	73.5	-0.9	71	27	79.8	80.5	75.3	75.4	28.0	-0.3	28.2	80	+1	79
Year		1,012.4	-0.1	1,009.4	83.9	+0.6	91	V	74.0	-2.1	69	VII, IX, X	81.4	81.8	75.4	75.6	27.3	-0.5	27.6	73	-1.4	75
<b>MINICOT.</b> (Arabian Sea.)																						
January	6	1,011.1	-1.4	1,008.5	86.1	-1.0	90	30	72.9	-0.1	69	7 days	77.5	83.2	74.5	76.5	27.8	-1.5	28.1	87	+10	73
February		1,011.4	-1.1	1,008.6	86.0	+0.6	90	15	73.7	-1.0	68	7	77.8	83.5	74.9	76.0	26.8	-3.0	27.2	83	+6	69
March		1,011.2	-0.4	1,008.4	87.4	+1.1	90	30	77.5	+0.6	73	4, 5	81.0	85.0	76.4	77.5	28.7	-2.5	28.8	78	+3	70
April		1,009.5	-0.7	1,006.9	87.5	0	90	15	78.7	-0.9	73	18, 14, 23	82.7	85.0	76.5	77.5	23.4	-3.9	28.8	75	0	70
May		1,009.2	0.4	1,006.7	88.5	+0.2	90	4 days	78.9	-0.3	74	9	83.6	86.4	78.4	79.1	30.9	-2.7	30.6	79	0	71
June		1,008.7	0.5	1,007.0	86.7	+0.7	89	5	78.6	+1.3	74	8	82.6	83.8	78.0	78.7	30.7	-2.6	31.2	81	-3	79
July		1,008.8	-0.9	1,007.0	86.2	+1.2	88	6 days	77.5	+0.6	73	20	81.5	83.5	77.3	78.0	30.1	-1.0	30.3	82	0	77
August		1,008.9	-1.6	1,007.0	83.6	-1.1	87	1, 4	75.7	-1.4	73	4 days	79.8	81.2	76.4	77.0	29.5	-1.9	29.8	85	+3	82
September		1,010.8	-0.1	1,008.3	84.0	-1.0	86	4, 5, 6	76.3	-0.8	72	7, 8	79.5	81.1	75.6	76.3	28.5	-3.3	28.8	83	+1	79
October		1,012.4	+1.2	1,009.7	84.9	-0.4	87	20, 29	75.8	-0.1	69	27, 28	80.0	82.1	75.4	75.8	28.0	-3.1	27.6	80	0	71
November		1,012.7	+1.3	1,010.0	86.0	+0.0	90	24	74.0	-0.3	67	7, 8	80.4	83.1	75.5	75.9	27.9	-3.5	27.9	79	-2	71
December		1,011.1	-0.9	1,008.6	85.9	+0.5	87	11 days	73.1	-0.9	70	4 days	78.7	82.8	74.8	75.6	27.7	-2.1	27.0	83	+6	71
Year		1,010.5	-0.4	1,008.1	86.1	+0.3	90	6 months	76.1	-0.2	67	XI	80.5	83.4	76.1	77.0	28.7	-2.6	28.8	81	+2	74
<b>AMSI DIVL.</b> (Arabian Sea.)																						
January	13	1,011.5	..	..	88.7	+1.7	92	24	75.9	+1.6	69	26	80.1	..	76.0	..	28.8	+2.0	..	82	+6	..
February		1,011.7	..	..	90.7	+2.7	95	25, 26	77.1	+1.0	73	6	80.6	..	75.1	..	27.3	+1.0	..	76	0	..
March		1,011.2	..	..	92.1	+2.3	96	20, 22	79.1	+1.1	75	3	83.5	..	77.1	..	28.9	+0.9	..	75	-1	..
April		1,009.1	..	..	88.5	-3.0	95	28, 29	79.7	-0.1	75	3, 4, 13	83.7	..	77.5	..	29.4	-0.2	..	75	+1	..
May		1,008.9	..	..	91.9	+0.7	93	31	81.7	+0.6	75	10	85.5	..	78.7	..	30.4	-0.2	..	73	-3	..
June		1,007.7	..	..	87.2	+0.2	96	1	79.9	+1.8	73	3	83.5	..	78.8	..	31.5	+0.5	..	81	-4	..
July		1,007.7	..	..	81.9	-0.5	87	5 days	77.9	+0.4	75	6, 7, 13	82.0	..	78.9	..	30.9	+0.3	..	83	-3	..
August		1,007.7	..	..	83.6	-1.7	87	2, 14	76.8	-0.7	74	8, 12, 16	80.3	..	77.1	..	30.3	+0.1	..	86	0	..
September		1,009.5	..	..	81.6	-1.0	86	7 days	77.9	-0.5	75	8, 21	80.7	..	76.3	..	29.0	-0.4	..	81	-3	..
October		1,011.8	..	..	87.8	+1.5	94	30	77.7	+0.7	72	24	81.4	..	76.4	..	28.4	-0.3	..	79	-3	..
November		1,012.4	..	..	89.9	+3.0	95	13	75.3	-0.4	69	8	81.6	..	75.7	..	27.7	-0.2	..	75	-3	..
December		1,011.1	..	..	90.2	+3.1	93	9, 13	75.6	+0.8	71	5, 39	80.6	..	75.2	..	27.7	+1.7	..	79	+7	..
Year		1,010.0	..	..	88.3	+0.7	90	V	77.8	+0.6	69	I, XI	81.9	..	76.8	..	29.2	+0.5	..	79	0	..

A 15

Cloud amount, (tenths of sky).			Rainfall, inches.				Number of rainy days, (0 10" or more).		Wind velo- city, miles per hour.		Wind direction—Number of winds from:—																		STATION AND MONTH.																											
											8 hrs. I. S. T.								17 hrs. I. S. T.																																					
Mean of J. S. T.	Departure from normal.	Mean of J. S. T.	Total of month.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm																												
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53																											
SEYDLER, (Indian Ocean.) (10 and 16 hrs L. M. T.)																																																								
7.5	+0.8	0.9	5.00	-10.40	2.25	7	9	-6.1	8.3	..	5	2	1	1	1	0	4	15	2	4	1	1	1	0	0	5	16	3	January.																											
6.5	-0.2	0.7	3.62	-5.00	1.38	24	8	-2.1	5.8	..	1	4	2	1	0	0	3	15	2	3	2	0	0	1	0	4	15	3	February.																											
6.3	-0.7	6.0	12.04	+2.20	2.18	12	15	+3.0	4.9	..	3	4	4	3	1	0	2	12	2	2	3	2	2	1	1	3	13	4	March.																											
6.2	+0.9	6.6	5.94	+1.78	1.57	22	10	-0.3	3.4	..	0	4	9	4	1	0	0	3	0	2	1	2	5	4	1	4	4	7	April.																											
7.1	-1.9	7.6	14.41	+7.93	6.44	8	15	-5.5	7.5	..	0	1	9	13	3	0	1	2	2	0	0	6	8	6	3	1	5	2	May.																											
7.7	-1.8	7.8	6.82	-2.32	1.06	14	13	+4.6	2.44	..	0	0	4	18	7	1	0	0	0	0	0	4	10	7	2	0	0	1	June.																											
7.1	+1.2	8.1	2.42	-0.00	0.31	30	10	+2.5	12.0	..	0	0	8	17	3	2	0	1	0	0	1	7	16	4	2	0	0	1	July.																											
7.4	-1.3	7.7	1.00	-1.12	0.21	16	4	-1.9	16.7	..	0	0	9	16	5	1	0	0	0	0	0	8	16	0	1	0	0	0	August.																											
6.5	-0.6	6.7	0.60	-4.19	0.22	9	2	-5.6	14.1	..	0	2	5	14	5	2	0	1	1	0	1	7	13	7	1	0	0	1	September.																											
6.1	-0.6	6.6	1.53	-4.23	0.42	20	5	-1.9	8.6	..	1	1	12	13	2	0	0	0	2	2	1	8	10	2	0	0	1	7	October.																											
6.2	-0.2	7.1	13.53	+6.07	4.00	2	15	+3.1	4.2	..	1	1	7	4	1	1	2	4	0	2	5	3	3	1	0	3	6	7	November.																											
7.7	-1.4	7.8	14.72	+1.10	1.50	11	23	-7.7	9.6	..	3	0	2	3	0	0	5	15	3	3	2	1	2	1	0	4	16	2	December.																											
6.8	+0.9	7.2	84.41	-11.34	6.44	7	120	+0.4	9.6	..	14	19	72	107	29	7	17	65	32	18	17	40	82	60	11	24	76	-33	Year.																											
MEXICO, (Arabian Sea.)																																																								
5.0	-1.4	5.9	0.30	-1.33	0.10	5	1	-1.6	3.5	0.8	2	10	6	3	1	0																																								

Table III.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION AND MONTH	Height of bar. station above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %		
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
LHASA,* (Tibet.)	12,000																					
January . . . . .	..	627.7	..	..	43.0	..	52	10	18.0	..	5	15	22.3	..	20.8	..	3.2	..	..	82	..	..
February . . . . .	..	627.7	..	..	48.0	..	67	16	19.3	..	9	1	22.6	..	26.9	..	4.4	..	..	83	..	..
March . . . . .	..	629.4	..	..	54.0	..	69	29	26.8	..	21	9, 17	35.5	..	33.6	..	6.1	..	..	85	..	..
April . . . . .	..	629.0	..	..	64.7	..	76	25	36.8	..	26	30	49.0	..	46.5	..	9.9	..	..	86	..	..
May . . . . .	..	632.2	..	..	64.2	..	79	21, 22	40.3	..	29	1	53.7	..	49.1	..	10.4	..	..	80	..	..
June . . . . .	..	628.1	..	..	76.3	..	83	22	49.2	..	37	4	60.0	..	57.9	..	15.4	..	..	85	..	..
July . . . . .	..	628.6	..	..	81.0	..	88	15	49.2	..	47	14	68.0	..	55.9	..	14.3	..	..	84	..	..
August . . . . .	..	633.6	..	..	71.9	..	80	10	47.1	..	44	22	56.7	..	53.3	..	12.8	..	..	81	..	..
September . . . . .	..	634.1	..	..	72.6	..	77	4	45.2	..	40	16	56.3	..	52.7	..	12.3	..	..	80	..	..
October . . . . .	..	631.0	..	..	63.3	..	72	3	34.7	..	20	31	49.1	..	46.3	..	9.8	..	..	78	..	..
November . . . . .	..	632.0	..	..	52.9	..	61	8	23.1	..	17	17	35.4	..	32.9	..	5.6	..	..	79	..	..
December . . . . .	..	630.0	..	..	51.1	..	60	17, 18	19.2	..	11	26	30.2	..	27.8	..	4.1	..	..	77	..	..
Year . . . . .	..	630.5	..	..	61.0	..	83	VI, VII	32.7	..	5	I	44.7	..	42.0	..	9.0	..	..	82	..	..

\* Aneroid barometer in use.

Table IV.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs. G.M.T.) at 4th Class Stations for the year 1947.

STATION.	Maximum temperature, °F.				Minimum temperature, °F.				Mean dry bulb tempera- ture 8 hrs. I. S. T. °F.	Mean wet bulb tempera- ture 9 hrs. I. S. T. °F.	Vapour pres- sure Millibars.		Relative Humidity %		Mean cloud amount 8 hrs. I. S. T.	Rainfall—Inches.				Number of rainy days (0.10" or more).		Wind.	
	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.			Mean 8 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Departure from normal.		Total of the year.	Departure from normal.	Heaviest fall dur- ing the year in 24 hours.	Month.	Total in the year.	Departure from normal.	Resultant direc- tion 8 hrs. I. S. T.	Velocity in miles per hour.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
ASSAM.																							
Luning . . .	..	..	..	..	65.9	+1.1	40	I	76.9	70.0	23.8	+0.5	73	-13	..	54.25	+2.08	4.25	IX	77	-5.1	..	..
KASHMIR.																							
Jammu* . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kargill* . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MYSORE.																							
Balghapur	80.2	-0.1	92	III, IV	63.7	+0.4	51	XII	67.8	65.7	20.9	+0.8	90	-1	..	99.56	-3.31	3.45	VII	115	-6.5	..	..
TIBET.																							
Yatung (Chumbi)	78.1	+1.9	71	VI, VII, IX	25.2	-2.6	10	I	43.4	42.4	10.0	+1.3	93	+6	4.9	20.06	-0.02	1.21	VII	94	-2.5	..	..

\* Light rain recorded, hence no trace.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for each month and the year 1947—concl'd.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days, (0.10" or more).		Wind velo- city, miles per hour.		Wind direction--Number of winds from:--																		STATION AND MONTH	
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.									17 hrs. I. S. T.										
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	
3.1	..	..	0	..	0	..	0	..	8.7	..	0	0	1	0	1	0	0	0	29	..	..	..	..	..	..	..	..	..	January.	
1.1	..	..	0	..	0	..	0	..	1.2	..	1	3	1	0	1	1	0	0	21	..	..	..	..	..	..	..	..	..	February.	
2.5	..	..	0	..	0	..	0	..	0.8	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	March.	
1.0	..	..	0.20	..	0.20	20	1	..	0.6	..	0	0	0	0	0	1	0	0	20	..	..	..	..	..	..	..	..	..	April.	
4.1	..	..	1.74	..	0.55	29	4	..	1.8	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	May.	
4.7	..	..	1.63	..	0.24	29	8	..	0.8	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..	June.	
7.8	..	..	6.44	..	0.24	11	20	..	1.0	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	July.	
6.3	..	..	4.21	..	0.97	13	12	..	4.4	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	August.	
4.4	..	..	2.02	..	0.64	4.29	4	..	0.5	..	0	0	0	0	0	0	0	0	30	..	..	..	..	..	..	..	..	..	September.	
5.3	..	..	0.04	..	0.04	1	0	..	1.2	..	2	9	0	0	0	1	0	0	30	..	..	..	..	..	..	..	..	..	October.	
1.7	..	..	0	..	0	..	0	..	1.1	..	0	0	0	0	0	0	0	1	29	..	..	..	..	..	..	..	..	..	November.	
1.6	..	..	0	..	0	..	0	..	1.5	..	0	0	0	0	0	0	0	0	31	..	..	..	..	..	..	..	..	..	December.	
4.1	..	..	16.45	..	0.97	VIII	49	..	2.0	..	1	3	2	0	2	3	0	1	253	..	..	..	..	..	..	..	..	..	Year.	
																														*LHASA. (Tibet.)

\*LUASA.  
(Tibet.)

Table V.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 Hrs. G. M. T.) at 5th Class Stations for the year 1947.

DIVISION.	STATION.	Rainfall—Inches.				Number of rainy days (0.10" or more)		DIVISION.	STATION.	Rainfall—Inches.				Number of rainy days (0.10" or more)	
		Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.			Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Assam	Mawjgram*	..	..	..	..	..	..	Kashmir	Sonmarg*	..	..	..	..	..	..
West Bengal	Bankura	40.45	-6.07	3.60	VIII	56	-12.8	Gurez*	..	..	..	..	..	..	..
	Cooch Behar*	..	..	..	..	..	..								
Bihar	Muzaffarpur	45.01	-4.84	3.10	VIII	51	-5.2	Rajputana, East	Udaipur	29.02	+4.58	3.81	VIII	55	+1.4
	Chupra	25.47	-17.15	3.46	IX	40	-12.8	Bombay, Deccan	Khandaly*	..	..	..	..	..	..
	Arrah	33.06	-13.24	2.70	VIII	53	-3.3	Madras, Southeast	Palamcottah	25.81	-3.57	2.05	IX	38	-7.0
United Provinces, West	Meerut	21.33	-10.52	4.25	IX	32	-8.4	Sikkim	Lachung	60.08	+3.65	4.13	VII	100	-1.2
East Punjab	Dharampur*	..	..	..	..	..	..								
	Kyelang*	..	..	..	..	..	..								
	Dalhousie	42.21	0.48	7.41	IX	86	-9.0								

\*Data not available for complete year, hence no annual totals

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947.

Station, height of barometer cistern above mean sea-level in feet and month.	Pressure at Station level, millibars.			Temperature of air °T.			Wet bulb temperature °T.			Vapour pressure, millibars.			Relative humidity %			Cloud amount, ht.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from									
	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	(also)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
<b>CALCUTTA (21)</b>																										
January . . . . .	1,013.6	1,013.9	-0.7	76.9	67.0	+1.7	64.2	60.6	+1.8	15.1	15.5	+1.4	48	71	-2	2.5	10	7	3	1	0	0	0	8	2	
February . . . . .	1,012.3	1,012.1	-0.5	83.6	72.0	+1.7	66.1	63.1	+1.1	14.4	15.3	-0.5	37	61	-3	2.3	2	2	2	0	1	2	5	5	6	
March . . . . .	1,009.3	1,009.2	+0.1	91.6	81.5	+2.2	73.5	72.1	+2.0	20.2	22.5	+1.3	40	64	-1	2.8	1	0	0	1	5	12	6	5	1	
April . . . . .	1,003.8	1,003.5	-2.1	98.5	88.6	+3.5	79.8	78.0	+1.7	26.8	27.7	+1.1	43	60	-2	1.6	0	0	1	0	6	18	1	1	3	
May . . . . .	1,003.0	1,002.0	0	95.6	88.4	+2.8	82.8	80.6	+2.0	32.4	32.5	+3.4	58	72	0	4.4	0	0	0	0	16	15	0	0	0	
June . . . . .	997.5	997.0	-1.1	91.5	87.0	+2.4	83.2	81.0	+1.1	35.4	34.1	+1.8	70	81	+1	7.1	0	3	6	4	0	7	1	0	2	
July . . . . .	997.3	997.3	-1.2	88.0	84.0	+1.5	81.3	80.0	+0.2	33.0	33.4	+0.0	75	85	0	8.5	0	0	2	5	7	12	4	0	1	
August . . . . .	1,001.0	1,000.8	+0.6	87.7	84.2	+1.5	81.5	80.1	+0.5	34.1	33.6	+1.1	77	87	+1	8.1	1	5	5	7	4	2	1	6		
September . . . . .	1,003.4	1,003.4	-0.2	88.5	84.8	+1.7	81.3	79.9	+0.8	33.1	33.1	+1.2	73	85	+1	7.0	0	0	6	3	8	8	1	0	4	
October . . . . .	1,008.7	1,008.9	+0.3	86.5	81.4	+1.0	76.6	75.3	+0.2	27.0	27.0	+1.0	63	81	+1	7.0	2	1	2	2	2	3	4	5	10	
November . . . . .	1,012.7	1,013.2	+0.4	85.4	75.3	+2.6	69.5	67.5	+1.5	17.5	19.4	+0.5	42	71	-1	3.0	3	1	2	0	1	0	1	0	8	
December . . . . .	1,013.7	1,014.1	-0.0	77.9	68.0	+2.4	65.2	61.4	+3.2	15.5	16.8	+1.5	48	71	-2	3.6	13	1	1	0	0	0	1	0	6	
Year . . . . .	1,006.4	1,006.4	-0.5	87.6	80.2	+2.1	75.4	73.3	+1.3	25.4	25.9	+1.2	56	75	0	4.9	30	16	30	21	59	81	20	46	50	
<b>NEW DELHI (714)</b>																										
January . . . . .	991.3	990.6	..	60.4	55.2	..	53.3	47.6	..	8.2	8.0	..	37	58	..	2.9	2	1	0	2	2	0	7	13	4	
February . . . . .	989.0	988.6	..	72.1	61.4	..	56.7	52.2	..	8.9	8.8	..	34	49	..	3.2	3	1	2	2	1	1	7	11	0	
March . . . . .	985.8	984.9	..	85.9	73.3	..	63.1	61.7	..	10.2	10.7	..	25	40	..	1.8	2	1	4	1	3	2	3	10	5	
April . . . . .	980.4	979.1	..	93.1	86.0	..	65.7	61.7	..	7.0	8.1	..	11	21	..	1.1	3	2	1	1	2	4	6	11	6	
May . . . . .	977.9	976.0	..	103.0	92.2	..	73.2	69.3	..	14.6	13.8	..	20	30	..	1.9	8	3	3	1	2	0	3	10	1	
June . . . . .	972.7	971.5	..	102.8	96.2	..	77.9	74.8	..	20.7	20.1	..	30	37	..	1.6	3	1	2	1	0	0	8	14	1	
July . . . . .	972.3	971.3	..	95.4	89.7	..	79.0	79.0	..	23.1	23.6	..	51	59	..	7.3	1	1	9	4	1	4	6	4	1	
August . . . . .	970.8	975.8	..	91.7	86.4	..	79.7	78.1	..	29.2	29.2	..	58	69	..	8.0	1	0	10	3	1	3	3	3	1	
September . . . . .	978.9	977.0	..	86.0	82.8	..	78.8	76.9	..	29.9	30.0	..	70	81	..	8.0	1	6	3	3	1	5	4	4	3	
October . . . . .	986.0	986.4	..	86.3	75.8	..	67.3	64.2	..	14.8	15.8	..	35	54	..	1.3	4	2	2	0	0	1	1	17	4	
November . . . . .	990.6	989.0	..	81.5	68.3	..	62.4	57.3	..	10.7	11.3	..	29	51	..	1.2	5	2	0	0	1	0	3	15	4	
December . . . . .	991.9	991.0	..	70.1	59.1	..	56.3	51.0	..	9.5	9.6	..	38	60	..	2.7	3	1	1	7	2	1	7	11	1	
Year . . . . .	982.9	981.9	..	86.7	77.1	..	67.8	64.5	..	16.0	16.2	..	37	51	..	3.4	36	27	37	25	16	21	53	125	25	
<b>SRINAGAR (5,205)</b>																										
January . . . . .	846.9	846.2	+0.0	28.2	25.2	-5.5	26.7	..	..	4.4	4.1	..	85	93	..	9.3	3	1	0	7	2	0	4	9	5	
February . . . . .	845.2	844.3	+0.8	40.9	35.9	+2.0	37.1	..	..	6.3	5.9	..	73	84	..	6.7	4	1	0	1	1	1	4	6	10	
March . . . . .	843.6	842.7	+0.3	55.0	49.1	+3.7	48.2	..	..	9.2	8.7	..	63	76	..	5.7	3	3	0	5	1	2	2	8	7	
April . . . . .	840.6	840.0	-1.7	67.8	58.6	+2.8	56.0	..	..	11.1	10.6	..	48	61	..	3.5	0	0	2	3	0	3	2	12	8	
May . . . . .	840.5	839.9	+0.7	73.4	65.4	+1.3	69.5	..	..	13.5	13.6	..	50	65	..	4.5	2	0	2	2	0	5	6	10	8	
June . . . . .	836.3	835.7	+0.5	78.4	70.5	-0.1	63.9	..	..	15.1	15.4	..	47	60	..	4.0	0	0	0	2	2	1	2	9	14	
July . . . . .	833.0	832.4	-0.6	84.4	74.1	+0.6	68.1	..	..	19.4	18.4	..	49	63	..	3.9	2	1	0	1	0	2	3	7	16	
August . . . . .	836.3	835.5	+1.5	82.2	75.0	+3.0	69.4	..	..	20.1	18.5	..	55	69	..	3.4	2	1	2	5	7	3	0	4	11	
September . . . . .	837.7	837.0	-1.0	70.4	70.3	+4.7	66.0	..	..	17.2	16.4	..	51	67	..	3.7	1	0	2	4	0	1	2	4	16	
October . . . . .	843.9	843.3	-0.1	65.7	54.8	+0.1	53.5	..	..	9.7	9.3	..	46	67	..	2.6	4	0	0	3	1	3	2	8	10	
November . . . . .	845.6	844.2	-1.2	54.9	45.4	+0.3	47.1	..	..	7.0	6.4	..	44	63	..	1.9	4	4	0	1	2	1	1	3	14	
December . . . . .	846.5	845.8	-0.5	41.4	37.1	+0.7	29.0	..	..	6.2	5.5	..	72	83	..	6.9	2	2	1	2	4	3	2	8	7	
Year . . . . .	841.3	840.6	-0.2	62.6	55.1	+1.2	53.0	..	..	11.5	10.4	..	50	71	..	4.8	28	13	9	37	16	25	24	89	125	

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—*contd.*

Station, height of barometer chairs above mean sea-level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from									
	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	Mean of means.	Departure normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
<b>JOHNPUR (736).</b>																										
January . . . . .	990.6	989.8	.	71.4	69.5	.	58.0	49.0	.	7.5	6.8	.	29	40	.	21	1	0	10	4	0	1	1	0	8	
February . . . . .	989.1	987.9	.	78.7	67.6	.	57.3	52.3	.	6.5	6.4	.	20	32	.	21	3	0	2	0	2	12	1	0	3	
March . . . . .	986.3	985.1	.	88.7	77.4	.	64.4	58.3	.	7.5	7.2	.	17	25	.	12	4	1	1	1	2	12	4	1	5	
April . . . . .	982.1	980.4	.	96.9	88.1	.	67.9	61.6	.	9.9	10.4	.	18	26	.	12	1	1	0	3	1	0	15	1	2	
May . . . . .	979.0	977.9	.	100.1	91.6	.	71.1	67.6	.	12.0	12.6	.	16	26	.	0.1	0	3	0	0	0	10	13	3	2	
June . . . . .	974.6	974.3	.	97.3	91.9	.	76.1	74.7	.	21.1	21.4	.	35	45	.	0.7	0	0	0	0	0	21	9	0	0	
July . . . . .	973.0	972.1	.	94.9	90.2	.	77.4	75.9	.	24.2	24.3	.	46	55	.	4.7	0	1	1	0	0	15	11	1	2	
August . . . . .	976.9	976.0	.	90.0	86.3	.	77.8	76.8	.	27.6	27.8	.	62	69	.	7.7	0	2	0	2	2	12	8	1	4	
September . . . . .	979.4	978.4	.	86.5	82.1	.	76.7	74.7	.	26.6	26.6	.	62	74	.	6.7	1	2	3	2	0	13	3	1	5	
October . . . . .	986.1	985.1	.	88.7	77.8	.	64.6	63.4	.	15.2	14.6	.	30	47	.	0.8	0	1	0	0	2	8	6	2	12	
November . . . . .	990.2	989.0	.	86.8	74.0	.	63.3	57.5	.	9.7	9.4	.	21	41	.	1.3	1	1	1	1	2	0	0	2	22	
December . . . . .	990.8	989.9	.	75.1	61.7	.	58.3	52.6	.	9.0	8.7	.	31	43	.	1.6	2	15	4	1	1	2	1	0	6	
Year . . . . .	983.2	982.3	.	87.9	79.6	.	67.7	64.1	.	14.8	14.6	.	32	43	.	2.5	13	30	22	23	12	102	72	72	70	
<b>JAIPUR (1,531).</b>																										
January . . . . .	966.5	965.9	-0.5	67.0	56.1	-2.5	52.6	47.7	.	7.1	7.2	.	22	31	.	2.1	2	3	2	6	4	2	2	0	4	
February . . . . .	965.4	964.3	-0.6	75.1	61.8	-4.0	53.7	51.5	.	6.5	7.1	.	23	40	.	1.9	1	4	4	4	1	4	2	7	1	
March . . . . .	962.3	961.1	-0.8	87.1	73.7	-2.3	61.4	57.4	.	7.7	7.0	.	17	30	.	2.5	3	0	1	3	1	7	7	7	2	
April . . . . .	958.2	957.0	-1.3	97.7	85.3	-4.5	67.6	62.6	.	7.3	8.6	.	12	24	.	1.5	1	0	0	1	2	0	11	8	1	
May . . . . .	955.4	954.4	-0.7	104.3	92.5	-2.2	69.0	65.8	.	8.2	9.2	.	11	21	.	1.0	0	0	1	1	0	0	15	8	0	
June . . . . .	951.0	950.3	-0.8	101.8	92.5	-3.0	73.5	73.1	.	18.1	18.5	.	26	37	.	2.2	1	0	0	0	4	11	7	6	1	
July . . . . .	949.9	947.2	-3.2	91.3	88.5	-4.2	77.0	75.6	.	23.8	24.0	.	44	51	.	5.7	3	1	3	1	1	0	13	9	0	
August . . . . .	954.0	953.0	-0.3	86.5	81.5	-0.5	77.9	76.3	.	28.7	28.6	.	68	79	.	7.0	6	1	4	5	1	0	6	7	1	
September . . . . .	955.7	955.0	-1.0	84.9	79.2	-2.5	76.9	74.2	.	28.0	28.1	.	69	86	.	7.4	5	2	4	3	0	0	5	7	4	
October . . . . .	963.1	962.4	-0.2	87.4	75.2	-2.0	66.3	62.6	.	12.7	13.9	.	29	48	.	0.9	6	0	0	1	2	4	6	10	2	
November . . . . .	968.5	967.9	-0.3	82.8	69.2	-4.2	61.1	56.5	.	8.8	9.9	.	21	43	.	0.8	5	2	1	0	3	5	7	6	1	
December . . . . .	966.9	966.0	-1.5	72.0	61.0	-0.4	56.2	50.7	.	8.0	8.4	.	30	51	.	2.1	5	0	3	3	5	5	4	4	2	
Year . . . . .	959.6	958.5	-1.0	86.9	76.8	-4.7	66.3	61.8	.	17.7	14.3	.	32	47	.	3.0	38	17	25	28	24	30	85	85	19	
<b>RAIPURA (115).</b>																										
January . . . . .	1,009.9	1,009.2	.	80.8	77.0	.	64.6	69.6	.	17.6	12.9	.	68	61	.	1.4	4	6	0	1	1	1	0	1	11	
February . . . . .	1,009.2	1,008.1	.	86.9	78.4	.	65.3	61.5	.	11.6	11.4	.	27	39	.	1.1	1	4	2	4	3	2	1	1	10	
March . . . . .	1,007.9	1,005.8	.	91.3	85.3	.	67.9	65.6	.	12.7	12.8	.	26	36	.	1.5	2	1	2	2	1	2	4	4	13	
April . . . . .	1,004.4	1,003.4	.	93.5	89.0	.	72.9	72.2	.	18.3	19.4	.	37	48	.	3.6	2	3	0	2	5	4	8	3	3	
May . . . . .	1,002.5	1,001.6	.	98.3	90.5	.	76.5	76.5	.	21.5	24.7	.	24	46	.	0.2	2	0	0	0	3	8	10	5	3	
June . . . . .	997.6	997.8	.	95.9	91.2	.	78.5	78.8	.	25.5	27.1	.	41	53	.	6.5	0	0	0	0	1	11	15	5	0	
July . . . . .	997.4	996.7	.	87.1	85.2	.	79.7	78.0	.	30.7	30.9	.	70	75	.	8.7	1	0	0	0	0	5	15	6	4	
August . . . . .	999.5	998.6	.	88.0	85.4	.	79.4	78.9	.	30.7	30.9	.	68	73	.	7.0	1	0	0	1	0	7	10	3	9	
September . . . . .	1,001.4	1,000.7	.	85.8	82.7	.	79.0	78.1	.	30.9	30.9	.	73	82	.	7.3	2	4	0	1	1	8	7	5	2	
October . . . . .	1,004.3	1,003.8	.	80.1	87.3	.	73.7	72.6	.	22.1	22.9	.	48	62	.	1.5	3	2	3	3	2	2	5	5	11	
November . . . . .	1,010.5	1,010.1	.	80.6	80.6	.	67.4	67.4	.	15.0	15.4	.	37	52	.	0.6	2	4	5	5	3	2	1	2	7	
December . . . . .	1,010.8	1,010.1	.	81.3	76.5	.	65.2	61.4	.	12.8	13.2	.	32	50	.	0.2	1	5	4	2	1	1	1	0	15	
Year . . . . .	1,005.0	1,004.1	.	89.2	84.4	.	75.6	71.0	.	20.5	21.2	.	44	56	.	2.3	21	21	22	22	21	67	74	51	88	

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—*contd.*

Station, height of bar, cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from																																																																																																																																																																																																																			
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.		Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily 

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—*concd.*

Station, height of bar, cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from									
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
<b>BANGALORE (5,021).</b>																										
January	910.8	910.5	-1.1	76.1	69.5	+2.9	64.1	63.0	..	15.7	16.8	..	51	63	..	6.0	0	4	15	9	1	2	0	0	0	
February	911.0	910.4	-0.5	80.2	71.8	+0.6	62.0	61.3	..	11.8	13.7	..	33	53	..	3.8	2	7	12	5	1	0	0	1	0	
March	910.4	909.9	+0.2	86.0	77.1	+1.3	64.7	64.4	..	12.3	14.6	..	30	47	..	3.2	1	6	13	6	0	0	3	2	0	
April	908.3	907.8	-0.1	88.0	78.4	-0.7	67.6	67.2	..	14.0	16.6	..	33	51	..	3.5	2	3	6	6	1	2	6	4	0	
May	907.8	907.4	+0.7	88.8	80.6	+2.8	71.1	69.8	..	18.8	20.1	..	41	57	..	3.8	3	3	2	2	2	3	10	6	0	
June	906.4	906.1	0	80.5	71.5	+1.1	69.8	68.4	..	20.6	21.2	..	58	75	..	8.5	0	0	0	0	0	8	14	8	0	
July	906.3	906.1	-0.1	76.2	71.6	+0.2	60.6	68.1	..	22.0	21.9	..	72	83	..	9.5	0	0	0	0	0	6	20	5	0	
August	906.2	905.9	-0.8	77.6	72.4	+1.2	70.4	69.0	..	22.4	22.6	..	69	82	..	9.2	0	0	1	1	1	5	13	9	1	
September	907.5	907.4	-0.4	76.6	71.3	0	69.0	67.7	..	21.1	21.4	..	67	80	..	9.1	0	0	0	0	0	4	13	12	1	
October	909.9	909.0	+1.0	77.6	71.6	+0.3	67.6	66.6	..	19.1	19.9	..	59	74	..	7.8	7	5	3	1	0	1	5	9	0	
November	911.8	911.7	+1.5	77.1	69.6	+0.7	63.1	62.1	..	14.1	15.2	..	44	60	..	4.3	2	8	13	1	1	0	2	2	1	
December	910.7	910.6	-0.8	70.0	68.0	+2.0	62.7	61.6	..	14.0	15.2	..	46	64	..	4.4	4	11	13	2	0	0	0	1	0	
Year	908.9	908.7	0	80.1	73.1	+1.0	66.8	65.8	..	17.2	18.3	..	50	66	..	6.1	21	47	78	33	7	31	86	59	3	
<b>TRIVANDRUM (211).</b>																										
January	1,003.2	1,003.1	-0.5	84.6	79.5	+2.8	76.3	74.4	+3.6	27.2	27.5	+4.6	67	83	+9	5.7	0	0	1	1	3	18	5	2	1	
February	1,003.5	1,003.3	+0.2	86.3	80.0	+1.9	75.5	73.7	+2.0	25.3	26.1	+2.9	59	77	+5	5.1	0	0	1	2	2	13	6	3	1	
March	1,003.2	1,003.0	+0.6	87.9	81.3	+0.9	77.3	75.7	+1.1	27.2	28.3	+2.1	61	79	+4	5.3	0	1	0	1	2	14	8	5	0	
April	1,001.7	1,001.4	+0.6	86.3	81.3	+0.3	77.9	76.4	+0.3	28.8	29.1	+1.0	67	82	+3	4.8	2	1	0	3	1	1	7	15	0	
May	1,001.4	1,001.2	+0.6	88.4	82.8	+2.5	79.0	78.0	+1.5	29.6	30.4	+1.7	65	81	-2	4.8	1	0	0	0	0	5	14	11	0	
June	1,001.7	1,001.3	+0.7	82.3	78.8	+1.2	77.7	76.0	+1.4	30.3	29.0	+2.4	81	90	+4	8.5	3	0	0	0	1	3	8	16	0	
July	1,001.8	1,001.5	+0.5	82.8	78.4	+1.7	77.0	75.8	+1.9	29.1	29.0	+2.1	76	88	+1	7.9	3	0	0	0	0	0	8	20	0	
August	1,001.4	1,001.3	-0.3	81.3	77.3	+0.6	76.9	74.7	+1.0	28.1	28.2	+1.6	78	90	+1	7.8	1	0	0	0	1	0	9	20	0	
September	1,002.7	1,002.8	+0.8	81.6	77.4	+0.3	75.8	74.7	+1.1	27.0	28.3	+1.9	76	91	+7	7.2	1	0	0	0	0	1	17	11	0	
October	1,003.6	1,003.9	+1.6	83.8	78.2	+1.3	76.5	74.7	+1.1	27.9	28.2	+1.6	71	86	+1	5.7	1	1	0	0	0	1	22	6	0	
November	1,004.1	1,004.3	+1.6	86.2	79.7	+2.7	75.3	73.6	+0.1	25.1	25.6	-0.7	59	76	-8	4.6	0	0	0	1	3	13	12	1	0	
December	1,003.0	1,003.0	-0.3	85.9	79.3	+3.2	74.8	73.4	+1.8	24.4	25.4	+1.7	59	78	0	4.9	0	0	0	0	4	19	5	3	0	
Year	1,002.0	1,002.5	+0.5	84.8	79.5	+1.6	76.6	75.1	+1.4	27.6	28.0	+1.9	68	83	+2	6.0	12	3	2	8	17	88	121	112	2	
<b>MADRAS (51).</b>																										
January	1,010.8	1,010.6	-2.8	81.8	76.3	-0.9	73.9	72.6	..	25.0	25.5	..	68	82	..	6.5	2	12	13	1	1	1	0	0	1	
February	1,011.0	1,010.4	-2.0	83.3	76.8	+0.4	72.7	71.3	..	22.7	23.5	..	58	73	..	5.8	1	8	12	6	0	0	0	1	0	
March	1,009.4	1,009.0	-1.3	89.0	80.9	+1.9	76.6	75.2	..	25.6	26.7	..	55	71	..	3.6	0	2	9	11	8	1	0	0	0	
April	1,005.2	1,005.0	-2.6	95.0	87.7	+4.1	79.7	78.9	..	27.6	30.2	..	52	70	..	3.8	2	0	7	4	7	3	4	2	1	
May	1,004.1	1,004.0	-0.5	97.5	89.3	+1.1	80.2	79.3	..	27.5	30.0	..	45	66	..	2.8	0	0	2	9	7	9	3	1	0	
June	1,001.9	1,001.8	-1.5	97.5	90.7	+2.9	77.3	76.5	..	22.0	25.2	..	38	55	..	6.5	1	0	0	0	0	3	21	4	1	
July	1,002.9	1,002.7	-1.3	91.7	85.6	-0.4	77.0	76.2	..	25.0	26.6	..	50	65	..	8.9	0	0	0	0	1	4	21	6	0	
August	1,002.9	1,002.8	-2.1	89.9	84.2	+0.2	78.0	77.4	..	27.4	29.0	..	58	72	..	7.7	0	1	4	2	1	3	16	3	1	
September	1,004.5	1,004.4	-1.5	88.5	83.2	-0.2	77.4	76.7	..	27.2	28.7	..	60	75	..	7.7	3	0	0	0	0	7	15	5	0	
October	1,007.9	1,008.1	-0.2	86.3	80.4	-0.2	76.5	75.6	..	26.0	27.6	..	64	78	..	6.6	11	4	0	3	0	5	1	7	0	
November	1,010.0	1,011.1	+0.1	81.8	77.9	+0.1	73.0	72.0	..	22.5	23.5	..	56	71	..	5.4	11	10	3	1	1	2	0	2	0	
December	1,010.4	1,010.1	-2.4	81.0	75.5	-0.1	72.5	71.1	..	23.2	23.6	..	63	78	..	7.5	6	18	4	1	0	0	1	1	0	
Year	1,006.8	1,006.7	-1.5	88.0	82.4	+1.0	76.2	75.2	..	25.3	26.7	..	56	71	..	6.1	37	55	54	38	26	33	82	31	4	
<b>KODAIKANAL (7,688).</b>																										
January	771.7	771.5	+0.4	58.1	53.6	+1.1	53.0	49.8	+3.6	12.7	10.8	+2.4	78	80	+18	6.9	2	6	3	14	3	0	0	1	2	
February	772.1	771.6	+0.2	60.7	54.3	+0.6	51.7	47.7	+0.7	9.9	9.0	+0.6	64	71	+11	5.0	10	7	3	2	0	0	1	3	2	
March	772.7	774.9	+3.4	63.4	59.2	+2.9	54.4	49.7	+1.1	11.2	9.4	+0.6	58	70	+15	5.6	2	20	2	4	1	0	0	1	1	
April	771.6	772.1	+1.3	63.7	59.2	0	56.9	55.1	+2.5	13.4	13.3	+2.2	68	77	+12	6.1	4	8	5	9	1	0	0	1	2	
May	771.8	772.2	+2.0	67.7	62.0	+1.9	59.1	55.3	+0.6	14.1	12.7	+0.2	61	74	+2	5.9	3	0	6	5	0	0	0	3	5	
June	770.0	770.7	+2.0	63.3	58.6	+1.4	58.3	54.6	+1.3	14.8	13.3	+0.8	75	82	+4	8.2	1	0	0	1	1	2	8	15	2	
July	769.9	770.7	+2.5	61.3	57.3	+1.6	57.1	54.5	+1.8	14.5	13.6	+1.1	79	87	+4	9.1	2	0	0	2	0	2	11	12	2	
August	769.3	768.8	+0.1	60.6	56.9	+1.0	58.0	55.2	+2.1	15.5	14.3	+1.8	86	91	+8	9.4	2	3	1	7	2	0	6	10	0	
September	770.2	770.0	+0.8	60.8	58.5	+2.9	57.5	55.5	+2.6	15.0	14.1	+1.6	83	88	+5	9.0	2	2	0	2	0	0	8	15	1	
October	771.6	771.7	+1.7	59.0	55.2	+0.3	56.2	53.4	+1.0	14.4	13.3	+0.9	82	91	+6	8.5	3	1	0	4	5	0	2	12	4	
November	772.3	772.4	+1.7	59.8	55.3	+1.9	53.1	51.0	+1.5	11.8	12.0	+0.6	67	79	-1	5.2	4	8	3	4	1	0	2	7	1	
December	771.4	771.6	+0.9	60.1	52.9	-0.2	53.6	51.5	+4.2	11.8	12.5	+3.6	67	72	+6	5.9	1	5	4	6	2	0	0	0	4	
Year	771.2	771.5	+1.3	61.6	56.9	+1.2	55.8	52.0	+2.0	13.3	12.3	+1.3	71	80	-7	7.1	36	61	27	60	10	4	38	80	26	

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947.

Station, Latitude and Longitude.	Month.	Bright sunshine.								Nocturnal radiation temperature (14° above ground).									
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.	
		Nil or trace.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.			Maximum		Minimum.								
									Hours.	Date.	Hours.	Date.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
CALCUTTA— Lat. 22° 32' N. Long. 88° 20' E.	January . . .	1	1	2	8	19	255.3	76	10.0	9, 16	0	2	52.2	+3.6	43.5	17	5.0	-0.8	
	February . . .	0	3	0	0	25	258.0	81	10.9	24, 28	0.6	18	54.7	+1.2	47.2	2	6.1	+0.3	
	March . . .	0	2	1	7	21	270.8	73	10.7	31	0.1	19	60.9	+3.3	58.1	1	4.6	-0.6	
	April . . .	0	0	0	5	25	292.1	77	11.5	20	7.6	17	75.9	+4.3	70.0	30	3.5	-0.5	
	May . . .	1	3	4	7	16	252.2	61	11.5	8	0	21	77.7	+3.0	71.2	1	2.7	0	
	June . . .	2	7	9	7	5	157.1	39	10.0	6, 15, 19	0	16, 17	76.8	+0.1	72.4	25	3.9	+2.2	
	July . . .	4	10	8	9	0	115.6	28	8.8	13	0	4 days	77.8	+0.9	75.5	9	2.0	+0.5	
	August . . .	3	12	6	7	3	130.4	33	9.9	7	0	1, 13, 24	77.9	+1.3	74.7	12	1.6	0	
	September . . .	6	3	4	15	2	150.8	41	9.8	13	0	6 days	77.4	+1.8	75.8	9	2.2	-0.1	
	October . . .	1	8	5	8	9	190.6	53	10.4	28	0	23	72.2	+2.0	62.6	31	2.8	-0.9	
	November . . .	0	0	1	7	22	275.1	83	10.6	1	3.8	5	59.7	+1.3	53.9	25	4.8	-0.4	
	December . . .	7	1	1	6	16	208.8	63	9.9	18	0	7 days	53.8	+5.2	46.2	12	4.8	-1.4	
	Year . . .	25	50	41	86	163	2,556.8	59	11.5	IV, V	0	8 months	68.6	+2.4	43.5	1	3.7	-0.1	
NEW DELHI— Lat. 28° 35' N. Long. 77° 12' E.	January . . .	0	5	1	5	20	244.8	75	10.2	14	0.5	4, 10	(d) 35.5	..	25.0	17	6.7	..	
	February . . .	0	3	3	8	14	227.9	73	10.9	25	0.7	18	39.5	..	32.4	10	8.7	..	
	March . . .	0	0	5	9	19	272.9	74	10.6	1	4.1	28	51.1	..	12.0	2	8.2	..	
	April . . .	0	0	3	15	11	249.3	62	10.8	23	3.3	27	64.5	..	53.4	3	4.0	..	
	May . . .	0	2	5	6	18	264.1	67	11.8	19	1.5	4	69.0	..	53.0	6	10.0	..	
	June . . .	1	1	5	17	6	206.4	49	10.5	20	0	24	(h) 81.7	..	72.2	16	24.7	..	
	July . . .	2	3	13	8	5	179.2	42	11.9	3	0	8, 9	(e) 79.5	..	70.3	26	2.5	..	
	August . . .	0	6	11	9	5	183.9	45	12.0	30, 31	0.1	4	(a) 73.0	..	67.1	20	6.1	..	
	September . . .	11	6	2	6	5	114.2	31	11.3	1	0	13, 24	(j) 56.8	..	..	..	..	..	
	October . . .	0	0	2	8	21	279.1	78	10.4	26	4.0	5	(i) 56.8	..	51.5	21, 28	8.2	..	
	November . . .	0	0	1	3	26	285.9	89	10.1	15, 19	6.0	29	(c) 47.2	..	35.7	28	8.6	..	
	December . . .	0	1	4	7	10	263.5	82	19.0	9	2.5	22	39.3	..	27.8	18	6.8	..	
	Year . . .	14	27	53	101	169	2,762.2	62	12.0	VIII	0	VI, VII, IX	..	..	..	..	..	..	
SRINAGAR— Lat. 34° 05' N. Long. 74° 50' E.	January . . .	19	9	3	0	0	261.6	83	5.4	13	0	17 days	20.4	..	15.2	1	1.7	..	
	February . . .	7	4	9	6	2	409.4	36	9.2	18	0	7 days	25.8	..	14.1	1	4.0	..	
	March . . .	4	3	4	11	9	195.0	53	10.0	1	0	3, 18, 22	34.0	..	20.0	9	5.6	..	
	April . . .	0	2	5	12	11	224.4	57	10.6	29	1.1	27	39.9	..	34.0	11	6.0	..	
	May . . .	3	2	2	6	18	253.5	59	12.1	25	0	2, 3, 4	47.0	..	40.0	7	5.2	..	
	June . . .	0	5	5	12	7	207.5	48	11.5	4	1.3	29	51.8	..	44.5	16	5.3	..	
	July . . .	0	1	5	8	17	267.1	61	11.6	12	2.5	22	57.7	..	53.6	9	4.4	..	
	August . . .	3	1	7	9	11	222.3	54	11.5	20	0	25, 30	61.6	..	53.5	1	3.6	..	
	September . . .	1	1	3	9	16	246.5	66	10.3	4	0	25	52.2	..	40.7	24	6.1	..	
	October . . .	2	2	4	4	19	243.2	69	10.3	13	0	8, 22	33.1	..	28.5	27	7.6	..	
	November . . .	0	3	2	10	15	243.5	78	10.0	11	0.3	28	25.2	..	19.3	24	5.1	..	
	December . . .	11	3	10	7	0	101.3	33	6.5	2	0	11 days	27.3	..	18.3	17	1.1	..	
	Year . . .	50	56	59	94	125	2,575.3	58	12.1	V	0	8 months	39.7	..	14.1	II	4.6	..	

(c) Observations of bright sunshine for 29 days.

(e) Mean of 26 days.

(f) Mean of 20 days.

(g) Mean of 25 days.

(h) Mean of 23 days.

(i) Mean of 27 days.

(j) Mean of 21 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—*contd.*

Station, Latitude and Longitude.	Month.	Bright sunshine.								Nocturnal radiation temperature (1½" above ground).								
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
		Nil or trace.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.			Maximum.		Minimum.							
									Hours.	Date.	Hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
JODHPUR— Lat. 26° 18' N. Long. 73° 01' E.	January . . .	0	1	0	7	23	296.9	89	10.5	14	2.3	3	41.6	..	35.5	14	6.0	..
	February . . .	0	0	0	5	23	277.2	88	10.9	24	6.8	13	50.4	..	41.0	1	2.6	..
	March . . .	0	0	0	2	29	298.2	80	10.3	5	8.6	23	58.8	..	51.2	2.6	3.5	..
	April . . .	0	1	1	3	25	294.2	77	11.8	14	5.1	5	69.7	..	58.2	29	4.2	..
	May . . .	0	0	0	1	30	345.1	83	12.0	17, 18, 23	7.8	5	78.8	..	72.0	8	2.9	..
	June . . .	0	0	0	4	26	317.4	77	12.0	2	8.4	16	82.3	..	78.0	28	1.0	..
	July† . . .	0	2	3	12	12	235.8	56	11.0	14	2.5	5	81.7	..	75.0	17	0.1	..
	August . . .	1	6	6	12	6	195.5	49	11.4	16	0	27	78.4	..	72.0	9	1.0	..
	September . . .	1	5	6	10	8	195.5	53	10.5	2	0	25	73.5	..	68.3	28	2.2	..
	October* . . .	0	0	1	6	23	281.3	78	10.4	30, 31	5.5	16	61.7	..	55.0	21, 25	3.2	..
	November . . .	0	0	0	4	26	203.0	90	10.5	3, 4	7.0	21	55.4 (e)	..	51.0	20	4.2	..
	December . . .	0	0	2	3	26	289.0	89	10.1	17	4.9	20	49.4	..	37.0	16	2.1	..
	Year . . .	2	15	10	69	257	3,320.0	75	12.0	V, VI	0	VIII, IX	65.1	..	35.5	I	2.8	..
JAIPUR— Lat. 26° 55' N. Long. 75° 50' E.	January . . .	0	1	2	7	21	278.7	85	10.5	5 days	0.0	27	38.8	+2.3	28.5	15	0.6	-3.8
	February . . .	0	0	1	4	23	278.5	87	11.3	26, 27, 28	4.3	14	42.6	+2.6	34.2	11	8.5	-1.0
	March . . .	0	0	0	5	26	319.0	86	11.6	26	7.1	12	53.3	+4.2	42.0	6	8.4	-1.4
	April . . .	0	1	1	1	27	305.1	79	12.0	14	2.8	18	62.1	+2.0	48.0	1	8.7	-1.1
	May . . .	1	0	1	5	24	308.3	74	12.3	18	0	3	70.9	+2.1	50.6	8	8.2	+0.3
	June . . .	1	4	6	5	14	223.0	54	11.7	9	0	30	79.4	+3.5	74.1	19	4.1	-0.3
	July . . .	3	7	6	12	3	162.3	34	9.4	27	0.6	9, 25	78.3	+3.1	73.4	17	2.3	-0.7
	August . . .	3	8	11	6	3	143.0	35	11.7	8	0	2, 3, 19	74.5	+2.7	71.7	6	1.9	-1.3
	September . . .		12	7	7	4	150.8	41	11.1	29	0.4	11	71.8	+4.3	62.2	28	2.0	-2.1
	October . . .			1	3	27	302.4	87	11.0	2	3.5	4	55.3	+0.3	46.5	26	7.5	-1.6
	November . . .			0	3	27	298.1	92	10.7	11	7.9	28	45.9	+2.8	39.3	27	9.1	-1.5
	December . . .			2	5	23	277.8	86	10.2	26	2.5	21	41.1	+4.4	25.0	16	7.9	-2.8
	Year . . .	8	34	38	63	222	3,067.0	71	12.3	V	0	V, VI, VIII	59.5	+2.9	25.0	XII	6.3	-1.5
BONRAY— Lat. 18° 54' N. Long. 72° 49' E.	January† . . .	0	0	0	1	25	286.1	89	10.5	19	8.5	13	57.7	-1.1	47.2	19	9.4	+1.5
	February . . .	0	0	0	0	28	287.2	89	10.8	20	9.3	4	56.5	-3.4	47.8	13	12.4	+5.0
	March . . .	0	2	1	17	11	255.9	60	10.2	1	0.9	29	63.5	-1.9	50.8	9	10.0	+3.6
	April . . .	2	4	4	8	12	206.2	55	10.2	30	0.2	16	71.4	+0.3	65.0	10	5.7	+1.0
	May . . .	0	0	1	4	26	308.0	76	10.8	5 days	5.7	20	64.5	-11.9	54.0	10	15.6	+12.7
	June . . .	2	3	5	9	11	206.8	52	10.7	1	1.5	29	60.8	-7.0	61.0	4	11.6	+0.9
	July‡ . . .	14	6	4	3	0	47.5	13	9.0	8	0.3	23	74.1	-1.2	70.0	5, 12	3.5	+2.2
	August* . . .	12	5	7	6	0	84.0	22	8.3	8	0.3	31	75.0	+1.2	74.0	24, 30	1.8	+0.2
	September† . . .	9	7	5	8	0	94.0	26	8.9	17, 20	1.0	24, 25	72.8	-0.6	62.3	30	3.5	+1.4
	October . . .	0	2	1	7	21	276.2	76	11.0	17	0.2	1	68.5	-2.1	60.2	28	6.1	+1.3
	November . . .	0	0	0	2	28	298.4	89	10.3	1, 2, 13	8.5	11	64.2	-0.7	59.2	18	8.7	+1.3
	December . . .	0	0	0	2	29	301.6	88	10.3	35	7.1	16	59.8	-0.7	54.5	30	9.9	+1.7
	Year . . .	29	29	28	70	191*	2,651.9	60	11.0	X	0.2	IV, X	66.5	-2.5	47.2	I	8.2	+3.5

(\*) Observations of bright sunshine for 80 days.

(†) Observations of bright sunshine for 29 days.

(‡) Observations of bright sunshine for 27 days.

(e) Mean of 26 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—*contd.*

Station, Latitude and Longitude.	Month	Bright sunshine.																
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
		Nil or trace.	0-1 to 3 hours.		3-1 to 6 hours.				Maximum		Minimum.							
			4	5	6	7			Hours.	Date.	Hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POONA— Lat. 18° 22' N. Long. 73° 51' E.	January . .	0	0	3	0	19	276.8	89	10.6	17	4.5	1	50.9	+4.5	42.9	10	4.9	-1.2
	February . .	0	0	0	3	25	276.9	86	10.6	18, 19	7.3	15	50.0	+1.7	43.1	18	7.8	+0.9
	March . .	0	1	2	5	23	281.3	75	10.6	11, 12	1.5	2	57.5	+3.4	18.5	12	6.6	-0.6
	April . .	0	5	5	1	16	238.3	61	11.5	22	0.3	15	61.5	+0.1	54.3	27	7.5	+0.4
	May* . .	0	0	0	1	16	221.5	—	11.5	30	7.5	21	61.5	-1.7	57.0	12	7.2	+1.1
	June ‡ . .	0	2	6	5	13	209.0	—	11.5	1	0.2	20	64.1	-1.5	61.8	1	6.7	+3.4
	July . .	5	20	3	2	1	63.1	10	9.1	8	0	5 days	69.3	0	65.1	25	3.2	+1.0
	August . .	5	10	7	7	2	114.3	29	9.8	1	0	5 days	69.3	+1.5	66.1	12	2.7	0
	September . .	2	10	11	6	1	136.6	32	9.5	15	0	28, 29	67.2	+0.9	62.1	13	2.7	-0.2
	October . .	0	1	2	10	18	264.1	73	10.9	21	1.7	1	60.3	-2.0	47.9	30	5.1	+1.5
	November† . .	0	0	1	7	20	165.9	—	10.5	2, 18	1.3	20	51.8 (a)	-1.2	45.3	17	7.6	+2.3
	December . .	0	0	0	0	22	287.0	84	10.3	2	6.2	15	46.8	-0.6	39.8	27	8.4	+3.0
	Year . .	12	40	46	71	186	2,715.3	—	11.6	V	0	VII, VIII, IX	59.8	-0.5	39.8	XII	5.9	+1.0
ANGAIORE— Lat. 12° 68' N. Long. 77° 45' E.	January . .	0	4	4	19	4	213.0	60	10.0	15	0.2	20	59.8	+5.0	52.4	10	2.1	-0.8
	February . .	0	0	1	11	16	253.3	71	10.5	6, 9	6.0	1	58.0	+2.0	47.0	9	3.1	-0.5
	March . .	0	1	0	6	24	287.4	77	10.7	20, 25	0.0	2	63.7	+3.5	56.0	18	4.2	0
	April . .	0	0	1	9	20	285.5	77	11.7	16	5.1	12	65.0	+1.5	64.1	4	2.2	-0.5
	May . .	0	0	0	10	21	290.0	75	11.3	5, 10, 14	6.1	31	60.7	+2.3	65.3	24	1.5	0
	June . .	1	6	11	9	3	155.8	10	11.0	15	0	20	66.8	+0.9	65.2	2, 9, 29	1.1	+0.2
	July . .	4	15	10	2	0	73.1	16	8.1	7	0	4 days	66.2	+1.1	64.0	30	0.0	+0.1
	August . .	1	5	6	10	3	113.1	37	11.0	14	0	21, 22, 23	66.5	+1.7	64.2	5, 30	1.0	+0.1
	September . .	5	8	11	5	1	111.7	31	9.6	3	0	5 days	65.5	+1.1	61.8	4	0.9	-0.1
	October . .	1	7	6	12	5	177.4	48	10.2	30	0	15	62.4	-0.5	51.0	31	3.0	+0.9
	November . .	0	1	4	10	15	248.0	72	10.3	2	1.7	21	55.9	-3.2	47.4	16	5.0	+2.3
	December . .	2	3	2	15	9	215.9	61	9.5	28, 30	0	14, 15	56.5	+1.1	46.3	28	3.8	+1.0
	Year . .	17	53	56	118	121	2,461.7	56	11.7	IV	0	6 months	63.3	+1.4	46.3	XII	2.4	+0.2
CHIVANDUR— Lat. 8° 30' N. Long. 76° 50' E.	January . .	1	5	1	7	17	244.6	67	11.0	7	0	13						
	February . .	2	0	2	6	18	238.6	72	11.2	11	0	20, 28						
	March . .	1	3	5	3	19	248.3	66	10.7	10, 15, 17	0	27						
	April . .	4	5	3	3	15	199.8	54	11.4	24	0	4 days						
	May . .	0	0	8	9	14	252.2	65	11.5	5	3.1	29						
	June . .	4	12	11	3	0	136.0	25	7.5	3	0	4 days						
	July . .	9	6	1	7	5	133.3	34	9.9	30	0	6 days						
	August . .	5	2	11	10	3	159.2	41	10.8	6, 31	0	5 days						
	September . .	1	11	7	7	4	141.3	39	10.3	1, 30	0	12						
	October . .	0	5	5	11	10	216.1	58	11.0	5	0.6	20						
	November . .	1	0	1	12	16	260.7	74	11.2	7	0	23						
	December . .	0	2	7	7	15	243.9	67	11.1	25, 29	0.3	6						
	Year . .	25	51	65	85	136	2,431.0	55	11.5	V	0	9 months						

\*Observations of bright sunshine for 30 days.  
† " " " " 28 days.  
‡ " " " " 26 days.

(a) Mean of 30 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—concl'd.

Station, Latitude and Longitude.	Month.	Bright sunshine.								Nocturnal radiation temperature (1½° above ground).								
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from Normal.	Lowest in the month or year	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
		Nil or trace.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.			Maximum.		Mini.							
									Hours.	Date.	Hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MADRAS— Lat. 13° 04' N. Long. 80° 15' E.	January	1	2	3	5	20	253.4	71	10.0	25	0	27	56.9	+0.5	60.2	17	5.4	+2.4
	February	0	0	3	8	17	251.7	78	11.1	10, 17	4.7	12	65.0	+1.0	60.0	6	5.6	+3.0
	March	0	0	0	3	23	319.0	85	11.3	28	7.1	1	(a) 69.3	+0.3	60.1	1	5.5	+3.2
	April	0	0	0	3	27	311.9	81	11.7	20, 21	7.1	11	(b) 76.2	+0.3	72.6	1	4.5	+2.9
	May	0	0	0	1	39	340.3	89	11.8	18, 19	7.2	11	(c) 77.3	+2.4	69.1	9	4.0	+3.2
	June	2	2	4	12	10	221.0	57	11.1	3	0	16, 20	70.7	+0.1	76.9	10	3.1	+2.1
	July	4	12	7	6	2	120.2	30	10.9	0	0	5, 24, 30	76.3	+1.1	70.5	14	3.0	+1.9
	August	5	5	5	8	10	186.3	48	11.2	4	0	4 days	75.0	+1.6	71.0	12	3.6	+2.0
	September	2	6	11	8	3	161.3	44	10.6	3	0	16, 17	74.6	+1.3	72.0	7	2.3	+1.4
	October	1	4	4	13	9	219.1	60	11.0	28	0	20	72.3	+1.4	62.7	31	2.1	+1.4
	November	0	2	4	8	16	255.5	75	11.3	2	1.7	21	66.9	+7.6	58.5	16	4.1	+2.6
	December	2	2	5	8	14	232.5	66	11.1	1	0	13, 14	66.2	+1.1	59.6	26	3.0	+1.2
	Year	17	35	44	83	186	2,878.2	66	11.8	V	0	7 months	72.1	+1.1	58.5	XI	4.0	+2.4
KODAIKANAL— Lat. 10° 14' N. Long. 77° 23' E.	January	1	10	8	7	5	147.5	41	10.2	11	0	1	41.7	+2.8	31.9	21	7.0	+0.3
	February	1	2	4	7	14	215.7	45	10.8	8, 9, 26	0	10	37.8	+0.1	28.4	8	10.1	+2.7
	March	1	4	3	14	9	212.1	57	10.6	10	0	2	42.0	+2.1	35.1	16	8.5	+2.2
	April	4	2	3	8	13	201.6	55	11.2	27	0	1, 6, 8	47.1	+2.1	41.1	21	7.2	+0.1
	May	0	0	5	15	11	249.1	61	11.2	1	3.3	26	46.5	+1.1	42.1	19	8.6	+3.1
	June	0	13	10	6	1	139.6	31	9.7	22	0.1	11	40.3	0.7	42.8	18	1.2	+1.1
	July	3	13	5	6	1	105.5	27	10.0	14	0	1, 5, 10	48.7	+0.2	43.1	30	1.9	+2.2
	August	1	10	10	4	0	98.0	27	9.5	1	0	18	49.2	+1.3	41.8	3	4.1	+0.9
	September	2	17	6	3	2	91.0	20	9.7	1	0	19	48.0	+1.5	38.9	30	4.0	0.0
	October	1	9	13	4	4	149.7	38	10.2	21	0	21	46.5	+0.9	35.0	25	5.5	+1.5
	November	0	2	5	13	10	216.8	62	10.6	2	0.2	10	37.5	+7.2	29.8	30	9.9	+5.5
	December	3	6	9	6	7	157.6	41	10.8	30	0	15	50.4	+1.1	45.1	30	11.2	+4.1
	Year	17	91	81	93	77	1,000.2	44	11.2	IV, V	0	0 months	41.7	+0.1	17.4	XII	7.2	+2.2

(a) Mean of 30 days.

(b) Mean of 29 days.

(c) Mean of 27 days.

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947.

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*CALCUTTA (67 FEET).																								
January	2.5	3.1	3.3	3.1	3.4	3.0	3.8	3.0	3.3	4.2	5.0	5.3	5.4	5.8	6.1	6.1	5.5	3.5	1.3	0.4	0.0	1.4	1.0	1.6
February	2.1	2.1	2.0	3.0	3.0	2.7	2.7	3.0	3.3	4.1	5.1	5.3	5.7	6.2	6.4	6.4	6.1	4.6	2.7	1.0	2.4	2.6	2.7	2.3
March	5.2	5.1	4.8	4.5	3.8	4.4	4.2	4.7	5.5	6.4	6.7	6.8	7.2	7.9	8.2	8.8	8.7	7.0	5.9	6.1	6.4	6.7	5.8	5.7
April	5.3	7.0	6.0	6.3	6.0	5.6	5.7	6.7	7.5	7.6	7.4	7.3	7.8	8.3	9.2	10.0	10.0	8.7	8.6	9.2	8.6	7.9	7.0	7.6
May	6.7	6.1	6.0	5.5	5.2	5.3	5.5	6.7	7.3	7.7	8.0	8.1	8.9	9.3	9.2	9.8	10.1	9.6	8.9	8.8	8.3	7.9	7.6	8.0
June	5.1	5.7	4.8	4.4	4.4	4.2	4.2	5.1	5.3	6.3	7.8	7.8	8.0	7.9	8.0	8.5	7.3	7.4	6.2	5.7	6.1	6.2	5.7	5.4
July	4.5	4.2	4.1	4.2	4.2	4.3	4.3	5.5	6.4	6.7	8.3	8.7	9.3	9.3	8.4	8.2	7.4	7.6	5.9	6.0	5.5	5.0	4.9	4.6
August	2.7	3.1	2.7	2.7	3.0	3.0	3.5	4.6	5.3	5.7	6.3	6.2	6.5	7.0	6.2	6.0	5.8	5.0	3.9	3.7	3.4	3.2	2.9	2.9
September	2.6	2.5	1.6	1.3	1.3	1.1	2.1	3.2	4.5	5.5	6.0	5.8	6.1	6.3	6.7	6.4	6.0	4.5	3.5	3.2	3.1	2.9	2.7	2.9
October	1.5	1.3	1.3	1.4	1.6	1.5	1.4	2.0	2.7	3.0	4.6	5.0	5.0	5.5	5.5	5.0	5.2	2.8	2.0	2.3	1.7	2.4	1.7	1.4
November	0.8	0.6	0.5	1.3	1.3	1.1	0.9	1.2	1.7	3.0	4.4	4.6	5.5	5.8	5.7	5.4	4.5	0.9	0.2	0.2	0.4	0.5	0.6	0.3
December	0.6	0.5	1.1	1.0	1.3	1.1	1.3	2.2	2.2	3.0	4.1	4.6	4.9	5.4	4.7	4.7	3.9	0.9	0.4	0.4	0.5	0.5	0.3	0.5
Year	3.5	3.5	3.3	3.2	3.2	3.2	3.3	4.1	4.6	5.3	6.1	6.3	6.7	7.1	7.0	7.2	6.7	5.3	4.1	1.0	3.9	3.9	3.7	3.6
SAUGOR ISLAND (51 FEET).																								
January	0.2	0.2	0.4	0.7	1.2	1.6	1.3	3.4	1.3	3.6	3.2	2.3	2.1	2.4	1.7	1.2	0.4	0.3	0.3	0.3	0.7	0.2	0.1	0.2
February	1.5	1.3	1.6	1.5	1.2	0.7	0.6	1.7	2.0	2.2	2.8	2.9	3.2	3.2	3.1	2.2	1.4	1.0	0.4	0.5	0.6	0.4	0.8	2.0
March	7.3	7.6	7.0	6.7	5.7	5.8	4.9	4.9	5.4	5.6	6.3	6.6	6.5	7.2	6.6	5.4	5.0	4.5	4.5	4.9	5.0	5.2	5.5	7.5
April	16.3	16.8	15.7	14.4	13.4	12.5	13.2	13.2	12.6	11.9	12.8	13.3	13.7	13.5	13.3	13.1	13.2	13.6	14.2	15.3	15.1	16.5	16.3	16.9
May	13.0	13.1	12.4	12.5	13.5	13.5	14.2	14.7	15.1	14.3	14.1	14.8	11.2	13.8	14.5	14.1	14.1	14.8	14.4	13.0	14.1	13.1	14.0	12.6
June	8.4	8.5	8.7	8.8	9.0	8.8	9.1	8.8	8.0	8.3	8.9	9.2	8.6	9.2	9.1	10.1	9.0	8.4	8.8	8.9	9.5	7.3	7.4	8
July	15.2	14.8	14.3	14.3	13.8	14.6	13.7	15.7	15.5	15.2	14.9	14.6	14.9	14.9	15.3	15.8	14.8	14.9	16.1	16.3	16.8	16.4	15.6	15.5
August	10.1	10.4	10.6	10.2	10.1	9.3	9.5	9.5	7.9	9.5	8.9	9.2	9.1	8.9	8.6	9.0	8.1	6.9	8.5	8.3	9.6	9.8	9.7	9.5
September	7.1	6.8	5.8	6.5	6.4	5.5	5.4	6.6	6.0	6.6	6.6	5.8	7.5	6.9	7.6	7.2	5.6	5.6	6.3	6.6	7.2	7.6	7.8	6.7
October	2.9	2.1	1.8	2.6	3.1	3.2	3.5	4.4	5.1	4.5	5.1	5.5	5.9	5.6	3.6	3.0	1.9	1.7	2.1	2.3	2.1	1.4	1.2	1.4
November	1.1	1.0	1.1	1.3	1.6	1.5	1.1	3.0	4.2	3.5	4.0	5.3	6.1	5.8	3.8	1.6	0.9	0	0.1	0.1	0.1	0.5	0.5	0.5
December	2.2	2.0	2.1	3.1	3.5	3.4	3.7	6.1	7.4	6.7	7.1	7.2	7.0	6.6	5.8	3.9	1.3	0.8	0.6	0.3	0.6	0.9	0.9	1.3
Year	7.1	7.2	6.0	6.9	6.9	6.7	6.7	7.7	7.9	7.6	7.9	8.0	8.2	8.2	7.8	7.2	6.1	6.0	6.4	6.8	6.8	6.6	6.7	6.9
JAMSHEDPUR (50 FEET).																								
January	0.8	0.6	0.6	1.0	0.5	0.7	0.8	1.0	1.5	3.0	3.3	3.5	3.4	3.0	2.8	2.5	1.7	0.5	0.5	0.0	1.0	0.8	0.6	0.8
February	1.2	1.5	1.1	1.2	1.0	1.4	1.3	2.3	2.4	2.9	2.9	3.0	3.5	4.0	4.1	3.5	2.7	1.5	0.9	1.3	1.0	1.1	0.9	1.0
March	1.6	1.1	0.6	0.8	1.3	1.0	1.2	1.7	2.6	2.9	3.1	3.6	4.5	5.1	4.4	3.7	2.6	1.9	1.2	1.1	1.6	1.6	1.4	1.2
April	1.4	1.3	1.9	1.3	1.1	0.8	1.7	2.5	3.8	3.7	4.3	4.9	6.4	5.5	7.4	6.6	5.1	3.5	2.7	2.1	2.7	2.1	2.5	1.9
May	2.1	2.9	2.2	1.6	1.1	1.4	2.2	2.7	3.3	4.6	4.6	4.0	4.0	4.6	4.1	6.3	6.0	6.4	4.6	5.3	4.6	4.1	3.3	2.0
June	1.9	1.5	2.0	2.2	1.9	1.6	2.1	2.9	3.5	4.4	5.3	5.4	5.0	5.0	5.9	5.8	5.3	5.1	3.8	3.0	2.7	2.2	2.8	2.1
July	3.1	2.7	2.3	2.0	1.9	2.4	3.3	5.2	5.4	6.3	6.4	6.9	6.2	6.2	5.2	5.0	4.4	4.6	4.3	2.8	2.7	2.5	2.6	2.0
August	2.1	2.0	2.3	2.5	2.8	2.3	3.2	4.3	4.9	5.5	5.1	5.7	5.1	5.9	6.6	4.7	4.4	3.2	2.8	2.8	2.4	2.1	2.0	2.2
September	1.1	0.9	1.1	0.9	1.0	1.0	1.7	2.6	3.5	4.1	4.0	4.0	4.0	4.3	3.9	3.5	3.1	2.6	2.4	1.8	1.6	1.7	1.4	1.2
October	0.5	0.5	0.6	0.7	0.6	0.4	0.6	1.0	1.9	2.3	2.0	2.6	3.1	3.1	2.5	1.7	1.3	0.9	1.3	1.4	0.7	0.6	0.5	0.5
November	0.7	0.7	0.8	0.6	0.5	0.5	0.8	1.2	2.1	2.0	2.4	2.7	3.4	3.4	3.1	1.6	0.7	0.8	0.3	0.4	0.7	0.8	0.7	0.6
December	0.4	0.9	0.8	1.0	1.1	1.5	1.6	2.2	2.7	3.0	3.4	3.7	4.3	4.3	3.9	3.0	1.6	0.9	0.7	0.6	0.6	0.7	0.5	0.5
Year	1.4	1.4	1.3	1.3	1.2	1.2	1.7	2.5	3.1	3.7	3.9	4.2	4.5	4.5	4.5	4.0	3.3	2.6	2.1	1.9	1.9	1.7	1.6	1.5
ALLAHABAD (BAMRAULI) (10 FEET).																								
January	1.8	2.2	1.7	1.7	1.9	1.9	2.2	2.2	3.7	4.2	5.0	5.5	5.7	6.3	6.2	5.5	3.8	1.9	2.0	1.9	1.6	1.8	1.7	1.8
February	1.7	1.8	2.4	1.8	1.9	1.7	2.3	2.7	3.3	4.3	5.7	6.7	1.3	7.4	7.2	6.7	5.4	2.3	1.7	1.4	1.0	1.3	1.8	1.5
March	1.3	1.2	1.4	1.3	1.2	1.3	1.3	2.0	4.0	4.8	5.0	5.4	5.7	6.7	6.4	7.1	7.0	3.9	1.8	1.2	1.5	2.0	1.3	1.1
April	2.0	2.4	2.8	2.6	2.7	3.1	3.0	5.1	6.7	7.3	8.7	8.1	9.3	9.7	9.9	9.1	8.4	6.0	3.2	2.5	2.5	2.1	2.5	2.3
May	2.9	3.5	3.5	3.5	3.0	3.1	3.9	5.2	5.4	5.5	5.5	6.1	6.8	7.7	7.8	7.2	6.8	5.0	2.9	2.5	3.2	3.3	3.4	3.5
June	2.1	1.7	2.4	2.7	3.0	2.3	4.0	5.9	7.2	7.6	8.1	7.4	7.8	7.2	7.3	7.7	6.9	5.3	2.9	1.9	2.0	2.4	2.4	2.1
July	1.1	1.0	1.3	1.3	1.8	1.6	2.3	2.4	2.6	3.2	3.3	3.7	3.4	3.9	3.6	3.5	2.6	2.6	2.3	1.0	1.1	1.1	1.8	1.1
August	3.5	3.4	3.1	3.5	3.4	3.5	3.9	3.5	5.6	6.0	6.0	5.7	6.1	5.8	5.7	5.7	1.3	3.5	2.4	2.2	2.6	3.3	3.3	3.7
September	3.0	3.3	3.4	3.6	3.4	3.5	4.2	5.2	6.0	5.3	6.1	6.3	6.6	6.9	6.8	5.2	4.4	3.7	2.8	2.5	2.3	2.4	2.8	3.1
October	1.6	1.7	1.8	1.5	1.7	2.0	1.9	3.0	3.6	3.4	4.8	5.1	6.0	6.8	6.6	6.2	4.0	2.1	1.9	2.0	1.9	2.0	2.0	1.8
November	2.0	2.0	2.0	2.0	1.9	2.3	2.1	2.6	3.8	4.3	4.8	5.8	6.5	7.1	7.0	5.6	2.7	2.0	1.6	1.8	1.6	1.6	2.0	2.0
December	2.1	2.2	2.2	2.6	2.6	2.6	2.7	2.9	4.4	4.7	5.7	6.2	6.5	6.6	6.0	6.2	3.3	2.4	1.9	2.2	1.8	2.3	2.5	2.3
Year	2.1	2.2	2.3	2.3	2.4	2.4	2.8	3.5	4.7	5.1	5.7	6.0	6.0	6.8	6.8	6.3	4.7	3.4	2.3	1.9	2.0	2.1	2.3	2.2

\*The hours in this case refer to L.M.T.  
 Figures in italics are means of data which are not available for a complete month.

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947—*contd.*

Hours L.S.T.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Month																								
BARODA (115 FEET).																								
January	3.1	3.7	3.4	3.3	3.8	3.7	3.5	4.5	4.0	5.5	5.2	4.0	4.4	4.2	4.0	3.6	3.3	2.1	1.8	4.6	3.3	3.2	3.3	3.0
February	2.8	3.0	3.1	3.0	3.0	2.7	3.2	3.0	5.2	6.1	5.7	1.7	4.5	4.1	4.3	4.0	3.5	2.0	2.0	2.7	2.0	3.4	3.3	2.0
March	2.2	1.9	1.5	1.1	1.1	1.0	0.9	1.7	3.6	3.8	4.1	3.6	3.0	3.3	2.6	4.0	3.5	3.0	1.9	2.1	2.0	1.7	1.7	1.8
April	3.0	2.7	2.3	1.5	1.3	1.5	1.8	3.2	4.0	5.1	4.7	1.9	4.7	5.0	5.5	5.3	4.4	3.0	3.0	2.9	4.0	3.6	4.0	3.0
May	5.8	5.0	5.0	4.0	3.3	2.8	3.6	5.0	6.5	6.7	6.4	6.5	7.0	7.1	7.2	7.3	6.0	7.4	5.9	7.1	3.2	7.5	6.6	7.0
June	8.4	7.1	6.5	5.6	4.8	3.6	4.1	3.6	4.6	8.0	9.2	9.5	9.9	9.6	10.0	10.0	10.0	11.8	12.1	12.6	12.5	11.5	9.8	9.2
July	5.3	1.6	4.3	3.5	2.7	2.6	2.0	4.4	5.6	5.4	7.7	6.9	6.7	6.5	5.8	6.5	6.7	7.9	7.1	7.2	6.7	6.7	5.9	5.7
August	3.0	2.7	2.5	1.8	1.4	1.5	1.2	2.6	3.6	3.7	4.2	4.1	4.5	4.3	5.1	4.9	5.5	4.9	4.7	4.2	4.7	4.2	3.8	3.4
September	2.1	1.9	2.1	2.0	1.5	1.2	1.4	2.1	3.2	3.0	4.2	4.1	4.0	4.6	4.5	3.4	3.5	3.0	2.9	3.4	3.1	2.4	1.8	2.3
October	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.6	1.0	1.1	1.3	1.3	1.4	1.3	1.5	1.6	1.0	0.4	0.2	0.3	0.7	0.3	0.5	0.4
November	1.5	1.3	0.9	0.8	1.2	1.0	1.3	2.8	3.1	3.3	3.0	2.7	2.4	3.0	2.8	3.0	3.0	2.4	2.2	2.1	2.3	1.7	1.3	1.5
December	1.8	1.3	1.1	1.1	1.0	1.4	1.6	2.7	3.2	4.0	3.5	3.0	3.4	2.7	2.3	2.3	2.4	1.5	1.7	2.4	2.3	2.1	2.0	2.3
Year	3.3	3.0	2.7	2.3	2.1	1.9	2.1	3.2	4.1	4.8	5.0	4.7	4.7	4.6	4.6	4.7	4.5	4.3	3.9	4.3	4.0	4.2	3.7	3.6
*BOMBAY (85 FEET).																								
January	4.3	4.3	4.6	4.5	4.8	5.0	5.3	5.5	5.7	5.4	5.0	4.7	6.2	7.5	8.2	8.9	9.0	8.7	8.7	8.5	7.7	6.1	4.8	4.4
February	1.1	3.0	3.1	3.3	3.2	3.4	3.9	3.8	4.3	4.6	5.6	6.0	7.1	8.1	9.6	10.0	10.1	9.6	9.2	8.1	6.7	5.0	4.0	3.6
March	6.0	5.7	5.7	5.4	5.2	4.6	4.4	4.7	5.4	5.7	7.8	9.4	10.5	11.6	12.7	13.0	12.5	11.5	10.2	9.4	7.7	5.9	5.6	5.6
April	6.3	6.1	6.1	5.7	5.3	5.1	4.9	5.1	6.0	7.0	8.5	9.4	9.9	10.8	11.4	11.6	10.9	10.1	8.8	7.5	7.8	7.3	7.4	6.7
May	4.0	4.2	3.8	3.1	3.0	2.9	2.9	3.2	3.7	4.4	5.1	6.2	7.2	8.1	8.7	8.3	7.7	6.6	6.0	5.4	4.3	4.0	3.9	4.0
June	7.2	6.9	7.3	6.6	6.6	6.1	5.7	5.9	6.2	6.8	7.6	8.1	8.3	8.9	8.9	9.0	8.8	8.1	7.3	7.7	7.3	6.9	7.0	7.2
July	9.7	8.8	9.0	9.0	9.0	8.9	8.9	8.0	8.2	8.6	9.5	9.7	10.1	9.3	9.2	8.5	8.0	8.2	7.9	7.2	7.5	8.5	9.0	8.0
August	6.7	6.7	6.8	7.0	7.3	7.5	7.7	7.8	7.9	7.4	8.0	9.0	9.7	9.5	9.8	10.3	10.1	9.7	9.3	8.6	7.7	7.5	7.0	7.3
September	7.9	7.4	7.1	7.1	6.8	6.7	6.5	6.7	7.0	7.3	8.5	9.3	10.0	10.5	10.4	10.2	9.8	9.5	9.5	8.8	8.3	8.1	7.3	7.7
October	4.1	4.1	4.0	3.8	3.8	3.8	4.3	4.5	4.7	4.3	4.5	5.1	6.2	7.1	8.0	8.4	8.4	8.3	8.6	7.2	6.3	5.4	4.5	4.4
November	2.8	2.2	3.2	3.8	4.3	4.7	4.8	5.2	4.8	4.0	3.7	3.9	4.9	6.3	7.7	8.6	8.7	8.3	7.9	6.8	5.4	4.0	3.4	3.0
December	2.4	3.8	3.8	4.4	5.2	5.2	5.5	5.5	5.7	5.7	5.1	4.5	4.9	5.8	7.6	8.7	9.6	9.7	9.2	8.6	7.0	5.4	4.7	3.6
Year	5.4	5.3	5.4	5.3	5.4	5.3	5.4	5.3	5.8	5.9	6.6	7.1	7.9	8.7	9.3	9.6	9.5	9.0	8.5	7.8	7.0	6.2	5.7	5.5
POONA (150 FEET).																								
January	2.8	3.5	3.1	2.9	1.7	3.0	2.9	2.6	1.8	2.6	3.5	4.4	5.2	5.7	6.0	6.0	6.1	6.3	5.6	4.7	3.5	3.4	2.6	3.4
February	2.6	3.1	2.6	3.1	3.3	3.1	2.3	0.9	0.6	1.4	3.1	3.4	3.1	3.9	5.7	5.9	6.0	6.4	7.7	7.8	4.7	4.0	2.1	2.8
March	3.1	3.2	3.1	3.0	2.1	2.7	3.0	2.1	1.2	2.9	3.0	5.2	6.1	6.8	6.8	8.8	9.1	11.0	9.7	7.6	6.4	4.6	4.2	3.8
April	5.0	5.2	4.7	3.9	4.0	3.6	3.0	3.2	4.0	5.1	6.4	7.1	7.3	7.7	9.8	9.9	9.6	11.0	10.4	8.6	7.0	5.3	5.0	4.5
May	6.0	6.0	5.5	4.8	5.0	4.5	6.0	5.1	4.9	6.0	8.0	8.2	9.1	10.9	11.1	12.4	12.7	13.2	12.9	9.0	9.3	8.4	7.3	6.6
June	7.8	7.6	7.4	7.0	7.1	6.3	7.1	9.2	11.7	12.8	13.1	13.2	13.7	14.1	15.1	15.3	16.2	15.1	13.9	12.1	10.8	9.0	8.9	8.1
July	7.8	7.5	8.5	8.2	8.2	7.9	8.6	8.7	10.1	13.5	13.0	13.1	15.1	15.2	15.2	13.7	14.3	12.4	11.3	9.4	8.7	8.7	7.0	8.1
August	6.5	5.9	5.1	5.3	5.0	5.4	4.8	5.9	7.1	8.0	1.1	10.3	11.0	9.8	10.4	11.6	11.2	10.3	9.9	8.3	7.9	6.8	6.4	5.9
September	6.4	6.7	6.3	6.6	6.6	5.6	5.9	6.5	8.2	9.2	9.8	9.9	10.7	11.6	12.0	11.7	12.1	10.0	9.3	8.6	7.1	6.5	6.3	6.8
October	3.7	3.6	4.3	3.5	3.0	2.8	3.0	1.8	2.3	3.8	6.4	6.5	5.6	5.9	6.0	6.3	6.1	6.7	5.5	4.3	4.2	2.6	2.9	
November	2.8	2.5	3.0	2.6	2.8	2.7	1.9	0.6	1.2	3.2	7.9	7.0	6.3	6.5	5.7	6.3	5.5	5.3	4.4	2.5	2.3	2.1	2.4	3.2
December	2.3	2.4	1.8	1.9	2.1	1.4	2.2	1.2	1.5	3.6	5.5	6.1	6.1	6.0	5.1	5.1	4.3	4.4	4.1	2.4	2.8	2.1	3.3	3.0
Year	4.8	4.8	4.6	4.4	4.5	4.1	4.1	4.0	4.6	6.0	7.3	7.9	8.3	8.6	9.1	9.3	9.4	9.3	8.8	7.3	6.3	5.4	4.8	4.0
HYDERABAD (10.6 MET) (47 FLL).																								
January	1.6	2.0	2.0	1.5	1.7	1.7	1.6	1.9	2.5	3.8	4.8	4.5	4.5	4.3	4.3	4.3	3.5	3.7	2.9	2.1	1.8	1.7	1.9	1.6
February	2.2	1.8	2.1	1.8	1.6	1.9	1.8	2.6	3.6	4.7	4.8	4.7	4.6	4.3	4.6	4.5	4.0	3.5	3.1	2.6	2.1	2.7	2.2	
March	1.5	1.2	1.3	1.3	1.4	1.2	1.1	1.5	2.7	4.1	4.4	5.4	5.0	4.7	4.1	3.8	3.5	2.8	2.5	2.1	2.4	2.3	2.5	2.8
April	1.9	4.5	4.2	4.7	4.2	4.8	4.5	6.0	7.1	7.6	7.0	7.3	6.9	7.3	7.0	7.0	6.9	6.5	5.2	4.4	4.1	3.1	3.3	3.9
May	3.6	3.5	4.5	4.7	4.2	4.1	4.1	5.2	6.3	6.3	6.5	6.1	5.5	5.2	5.2	5.1	5.5	5.7	4.9	3.3	3.8	3.4	4.3	4.5
June	9.6	10.0	10.1	8.7	8.3	7.9	8.3	10.3	10.7	10.9	10.8	10.2	9.1	8.5	7.8	8.5	6.9	6.4	5.7	5.0	5.5	7.4	8.6	
July	12.2	12.5	12.4	12.2	11.4	11.0	11.0	12.1	12.9	13.0	13.3	13.3	13.2	13.4	11.9	11.5	10.9	9.6	9.0	9.0	8.3	9.2	9.6	11.4
August	7.2	7.6	7.3	6.7	6.7	6.2	7.0	7.6	8.4	8.7	8.9	10.2	10.0	9.1	8.5	8.2	7.7	6.1	6.4	5.4	5.3	5.5	7.1	7.2
September	6.4	7.8	7.3	7.4	7.1	6.9	7.0	8.6	9.6	10.0	10.8	10.6	11.0	11.8	9.7	8.3	8.3	6.3	5.5	5.3	5.0	4.8	6.0	
October	6.9	1.0	1.1	1.1	1.1	1.7	1.7	2.1	3.9	5.3	5.7	6.5	6.6	7.1	6.9	6.5	6.4	3.9	2.4	1.8	1.7	1.0	0.9	0.9
November	6.3	6.3	6.2	6.3	6.2	6.1	6.3	6.5	1.4	2.7	4.8	5.3	5.4	5.0	5.0	4.5	4.1	2.8	2.1	1.5	0.9	0.9	0.7	0.4
December	6.5	6.5	6.7	6.7	6.6	6.5	6.4	6.5	1.1	2.1	3.4	4.2	4.1	4.4	4.4	4.2	3.7	2.5	1.5	1.5	1.1	0.7	0.5	0.7
Year	4.2	4.4	4.3	4.3	4.1	4.0	4.1	4.5	6.5	6.5	7.1	7.4	7.5	7.2	6.7	6.5	6.1	5.1	4.4	3.5	3.3	3.3	3.5	4.1

\*The hours in this case refer to L.M.T.  
Figures in italics are mean of data which are not available for a complete month.

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947—*conold.*

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*BANGALORE (35 FEET).																								
January	9.1	8.6	8.1	7.9	7.3	7.0	6.7	7.4	9.1	10.6	10.7	9.8	10.2	9.1	9.0	8.2	8.0	7.3	6.9	7.3	8.1	9.2	9.1	9.1
February	9.1	8.4	7.5	7.0	6.2	5.7	5.5	5.0	7.0	8.6	8.9	8.4	8.8	8.4	8.1	8.2	7.7	6.8	6.5	7.7	9.1	9.0	9.7	9.6
March	7.7	6.7	6.0	5.6	4.7	4.6	4.5	5.1	7.1	7.6	7.4	7.9	8.6	8.2	9.0	8.5	8.2	7.7	7.2	8.4	9.8	10.5	10.2	8.9
April	9.2	8.8	7.8	7.6	7.2	6.9	7.8	8.6	9.8	10.9	10.8	9.8	10.6	10.0	9.8	10.4	10.0	9.1	7.8	7.8	7.6	8.1	9.8	9.6
May	8.3	8.7	9.0	9.0	8.7	8.1	8.7	9.5	9.9	9.8	10.0	8.7	8.7	8.7	8.5	8.8	8.1	7.5	6.8	7.7	8.6	8.3	9.1	9.3
June	10.9	11.1	11.7	11.1	10.6	10.4	10.7	11.8	13.7	15.4	18.2	15.4	15.2	14.7	14.8	14.3	13.0	13.1	12.4	12.0	11.7	11.8	12.7	11.8
July	11.3	11.1	11.4	11.2	11.3	11.2	11.3	12.2	13.5	14.9	17.8	16.5	16.7	16.3	15.8	15.0	14.6	13.4	11.7	11.9	11.3	11.0	10.7	10.3
August	9.2	9.0	8.8	8.7	7.8	7.9	8.5	9.6	10.3	12.0	12.9	11.9	11.1	11.1	11.2	11.2	10.0	9.3	8.2	8.7	8.6	8.3	9.5	9.2
September	9.2	9.7	9.4	9.6	9.3	9.2	9.5	10.7	12.6	13.6	15.2	14.0	13.8	13.2	12.4	11.7	11.1	9.1	8.2	8.0	8.7	9.1	9.0	9.7
October	4.4	4.7	4.4	4.4	4.2	4.2	4.1	5.5	6.7	6.8	7.2	6.7	7.4	6.9	7.0	6.5	6.5	5.1	4.9	4.9	5.1	5.2	4.7	5.0
November	6.0	6.1	6.2	6.2	6.1	6.2	6.0	7.4	8.9	9.5	9.4	8.6	8.3	8.7	8.2	7.5	7.7	5.8	6.1	6.5	6.4	6.4	6.6	6.4
December	7.6	7.3	6.5	6.4	5.9	5.9	5.7	7.2	9.5	10.3	9.6	8.9	8.1	8.5	8.3	7.6	7.4	6.2	5.7	5.9	6.7	7.1	7.5	7.8
Year	8.5	8.3	8.1	7.9	7.5	7.3	7.4	8.4	9.8	10.8	11.5	10.5	10.6	10.3	10.2	9.8	9.1	8.1	7.7	8.1	8.5	8.8	9.1	8.9
MADRAS (117 FEET).																								
January	8.2	7.8	6.7	6.7	5.5	5.4	4.6	4.7	5.3	5.3	6.3	6.8	6.1	6.3	7.5	8.2	8.4	8.8	9.0	9.7	8.8	9.0	8.9	8.3
February	5.3	3.9	3.0	3.1	2.0	2.6	2.5	2.4	2.5	3.0	4.7	5.0	6.3	6.8	7.5	7.7	8.3	8.0	8.3	8.4	8.3	7.6	6.5	6.4
March	7.1	6.6	5.9	4.7	4.5	5.1	4.1	4.0	5.9	7.4	8.4	9.5	10.1	10.5	10.7	10.7	10.7	9.7	9.7	9.4	6.2	8.8	8.1	7.6
April	7.3	7.4	6.9	6.9	6.0	5.3	5.0	6.9	6.9	7.9	7.0	9.4	10.1	9.8	10.1	10.1	9.6	8.9	8.9	8.6	8.6	8.5	8.6	8.3
May	10.1	9.2	10.0	9.5	8.9	9.2	9.4	11.2	11.0	12.7	14.1	15.0	15.0	14.7	14.5	13.6	13.4	12.1	12.1	11.9	12.5	12.6	12.2	11.9
June	9.8	9.5	9.2	9.5	9.2	9.0	10.0	10.9	11.4	13.5	12.6	11.8	13.0	12.8	13.1	12.0	12.4	11.5	12.1	12.7	11.8	12.3	11.7	10.6
July	7.6	7.5	7.0	6.3	5.8	6.2	6.7	7.3	8.3	10.7	10.8	11.1	10.7	10.7	10.7	9.9	10.2	8.8	9.0	8.2	7.9	7.7	7.4	7.4
August	6.2	5.7	5.3	4.6	4.6	4.6	4.6	5.4	7.4	8.0	8.9	10.0	10.6	9.5	9.6	9.0	8.2	7.7	7.3	6.6	7.3	7.8	6.0	5.4
September	4.9	5.0	5.2	5.9	5.8	5.3	5.2	6.4	7.6	8.1	7.7	7.9	7.0	7.4	6.8	8.2	6.6	6.1	5.9	6.0	5.7	6.5	6.3	5.9
October	2.9	3.7	3.7	4.0	3.2	3.9	3.3	3.9	4.2	4.5	4.9	5.7	6.2	6.4	6.4	6.6	6.5	5.6	5.8	4.4	4.2	3.9	3.1	3.4
November	7.4	6.9	6.2	6.2	6.2	6.2	5.3	5.4	6.8	8.3	9.4	10.1	10.8	11.5	10.7	10.4	10.7	10.2	10.3	10.3	10.0	9.6	8.7	8.3
December	7.4	6.0	5.8	4.4	4.5	4.5	4.7	5.1	6.7	7.2	9.0	10.0	10.5	10.8	10.8	10.5	10.2	9.9	9.5	9.6	9.0	9.6	8.7	8.2
Year	7.0	6.6	6.2	6.0	5.6	5.6	5.5	6.1	7.0	8.1	8.7	9.4	9.8	9.8	9.9	9.7	9.0	9.6	9.0	8.9	8.7	8.7	8.0	7.6
VIZAGAPATAM (57 FEET).																								
January	1.3	1.1	1.4	1.3	1.1	1.3	1.1	2.0	3.9	5.2	6.5	7.1	7.1	6.9	6.5	6.1	5.3	4.6	3.7	2.9	2.2	1.9	1.9	1.5
February	1.2	1.3	1.2	1.1	1.5	1.4	1.4	1.2	2.0	3.4	6.0	6.8	7.5	7.6	6.6	6.1	5.0	4.0	2.6	1.9	1.6	1.5	1.5	1.2
March	2.1	1.1	1.6	1.2	0.9	0.9	1.0	1.9	2.1	3.6	7.2	8.1	8.3	8.4	8.1	7.3	6.4	4.7	3.9	3.6	2.3	2.8	2.4	2.2
April	2.8	2.7	2.7	2.1	2.2	1.0	2.9	3.6	3.5	5.4	7.6	8.3	8.1	7.7	7.4	6.9	5.1	4.1	3.4	3.0	3.0	3.2	2.9	3.1
May	1.3	1.9	5.1	4.8	4.3	4.8	5.7	6.6	7.0	7.6	10.1	10.6	10.5	10.6	9.5	7.8	6.2	6.1	5.4	5.4	5.0	5.2	5.2	4.5
June	3.8	4.4	4.7	4.7	4.5	4.1	4.8	6.0	5.8	5.9	8.1	8.1	8.1	8.1	7.6	7.3	6.0	4.3	3.9	3.0	2.3	3.3	3.8	4.6
July	5.2	5.5	5.3	5.9	5.3	5.6	5.4	6.0	6.4	6.4	6.5	8.0	8.1	8.1	7.5	7.2	5.9	5.8	5.0	5.7	4.8	4.7	4.9	5.0
August	2.7	2.3	2.5	2.3	2.2	2.2	2.7	3.4	4.0	4.3	5.1	6.0	6.6	6.4	6.1	5.8	4.9	3.9	2.9	2.7	2.7	2.3	2.7	2.5
September	2.1	2.1	2.3	2.6	2.7	2.7	2.3	2.9	4.0	5.0	5.8	7.0	6.5	6.1	6.2	5.9	4.6	3.9	3.4	3.5	2.6	1.7	2.1	2.5
October	1.9	1.8	1.8	1.9	1.6	1.8	1.5	2.1	2.6	3.7	4.1	5.1	5.4	5.4	5.3	5.2	4.0	3.0	2.9	2.7	2.4	2.4	2.0	2.1
November	1.2	1.3	1.3	1.3	1.5	1.8	1.7	2.1	3.0	3.7	4.6	5.8	5.8	5.9	6.0	4.8	3.9	3.4	2.7	2.4	2.1	1.0	2.0	1.3
December	2.9	3.1	3.3	3.4	3.3	3.3	3.1	3.5	3.7	4.6	6.0	6.4	6.5	6.2	6.5	5.8	5.2	4.8	4.2	4.1	3.8	3.3	3.2	3.2
Year	2.6	2.7	2.8	2.7	2.6	2.7	2.9	3.4	4.0	4.9	6.1	7.2	7.4	7.3	6.9	6.0	5.3	4.4	3.7	3.4	2.9	2.9	2.9	2.8
KODAIKANAL (49 FEET).																								
January	6.3	6.6	5.9	6.5	7.5	7.4	8.4	8.3	8.3	8.7	8.6	7.8	7.5	6.4	5.7	5.0	4.4	3.9	4.0	5.4	5.7	6.3	6.5	6.9
February	7.2	6.7	7.2	6.1	6.6	6.8	7.2	7.1	7.0	6.1	7.2	7.0	6.9	6.1	4.9	4.0	3.5	2.8	3.3	4.4	4.5	5.1	5.4	6.1
March	9.3	9.0	9.0	8.5	8.9	8.9	8.9	9.5	9.6	10.1	9.6	10.5	9.2	8.5	8.2	6.7	6.0	4.8	4.6	5.8	6.5	8.1	9.0	9.4
April	7.8	8.1	8.3	8.5	7.8	7.6	7.3	8.3	8.9	9.7	10.3	9.6	9.7	8.7	8.5	7.7	7.6	7.4	7.1	7.3	8.1	7.9	8.2	8.3
May	5.8	5.5	6.0	5.9	6.0	6.0	6.1	7.0	7.4	7.8	5.5	5.5	6.3	6.3	5.5	5.1	3.7	4.1	3.9	4.5	4.7	5.0	5.2	5.4
June	9.6	9.7	10.1	9.8	9.6	9.0	9.0	9.7	8.7	9.5	9.3	9.4	8.7	8.9	9.0	9.5	9.5	9.0	9.0	10.0	10.0	10.7	11.2	11.7
July	11.7	11.6	10.8	10.5	10.5	9.7	9.3	9.4	9.7	9.0	9.1	9.2	8.0	9.0	8.0	7.7	9.2	9.7	10.1	9.4	9.2	9.5	10.5	11.1
August	8.2	7.9	8.4	7.1	8.1	7.6	7.7	8.1	8.3	8.4	7.6	8.5	8.5	7.9	8.2	8.1	8.7	7.6	8.2	8.0	7.6	7.9	8.6	8.6
September	10.0	9.8	8.9	9.4	9.5	9.6	9.1	8.4	8.5	7.8	7.6	7.4	6.3	6.4	6.3	6.7	6.1	7.0	7.7	7.3	7.4	7.4	7.6	9.0
October	3.7	2.6	3.6	3.7	3.3	3.2	3.1	3.5	3.6	4.1	5.0	5.4	5.0	4.8	4.2	4.6	3.9	3.7	4.8	4.4	3.5	3.4	3.6	4.0
November	6.1	6.3	6.6	7.4	6.8	6.7	6.6	6.5	5.5	6.7	7.5	7.5	7.1	6.0	5.1	4.8	4.7	4.1	5.0	5.5	5.1	5.1	6.0	6.4
December	4.7	4.5	4.5	3.0	5.9	4.5	4.5	5.6	4.5	4.3	4.4	3.7	4.4	3.6	3.4	3.3	2.9	3.2	3.4	4.1	3.4	4.2	4.3	3.9
Year	7.5	7.5	7.4	7.2	7.4	7.3	7.3	7.5	7.5	7.7	7.6	7.6	7.3	6.9	6.1	6.1	5.9	5.6	6.0	6.3	6.3	6.7	7.2	7.6

\*The hours in this case refer to L.M.T.  
Figures in italics are means of data which are not available for a complete month.

Table IX.—Number of days in each month and the year on which the Nilgiris were visible from Kodaikanal in 1947.

[The Nilgiris are nearly 100 miles (as the crow flies) from Kodaikanal.]

Month.	Very clear.	Visible.	Just visible.	Top only visible.	Total.
1	2	3	4	5	6
January . . . . .	2	—	5	2	9
February . . . . .	—	2	3	—	5
March . . . . .	7	3	12	2	24
April . . . . .	4	6	6	2	18
May . . . . .	11	4	3	4	25
June . . . . .	12	2	2	4	20
July . . . . .	2	2	4	2	10
August . . . . .	2	1	4	6	13
September . . . . .	6	2	2	1	11
October . . . . .	5	2	6	3	16
November . . . . .	4	1	2	1	8
December . . . . .	2	—	1	1	4
Year . . . . .	60	25	50	28	163

Table X.—Average over the 13 chief political divisions of the monthly

Division.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Actual.	from Departure normal.	Percentage depar- ture from normal.	Actual.	from Departure normal.	Percentage depar- ture from normal.	Actual.	from Departure normal.	Percentage depar- ture from normal.	Actual.	from Departure normal.	Percentage depar- ture from normal.	Actual.	from Departure normal.	Percentage depar- ture from normal.	Actual.	from Departure normal.	Percentage depar- ture from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam . . . .	0.16	—0.50	—76	0.37	—1.24	—77	3.15	—0.39	—11	9.84	+0.90	+10	13.80	+0.90	+7	20.65	+1.16	+8
West Bengal*	0.08	—0.32	—80	0.39	—0.69	—64	1.82	+0.56	+44	1.79	—0.68	—29	5.70	—1.05	—16	8.77	—4.29	—33
Orissa . . . .	0.96	+0.55	+134	0.87	—0.16	—16	0.59	—0.30	—34	0.63	—0.59	—48	1.50	—1.50	—50	8.60	—0.21	—2
Bihar . . . .	0.33	—0.29	—47	0.50	—0.50	—50	0.95	+0.36	+61	0.21	—0.34	—62	1.79	—0.22	—11	4.36	—3.05	—41
United Provinces .	0.73	—0.04	—5	0.52	—0.28	—35	0.47	+0.04	+9	0.02	—0.22	—92	0.33	—0.29	—47	2.71	—1.68	—38
East Punjab . .	0.82	—0.25	—23	0.57	—0.43	—43	0.41	—0.32	—44	0.01	—0.42	—98	0.17	—0.36	—68	0.39	—1.77	—82
Rajputana . . .	0.26	+0.03	+13	0.10	—0.14	—58	0.03	—0.15	—83	0.02	—0.10	—83	0.03	—0.32	—91	0.47	—1.91	—80
Bombay . . . .	0.33	+0.23	+230	0.04	—0.03	—43	0.19	+0.07	+58	1.98	+1.57	+383	0.58	—0.31	—35	3.64	—5.20	—59
Central India . .	0.78	+0.38	+95	0.27	—0.03	—10	0.12	—0.09	—43	0.13	—0.02	—13	0.05	—0.33	—87	2.20	—2.66	—55
Central Provinces and Berar.	1.49	+1.05	+239	1.16	+0.11	+55	0.73	+0.21	+40	0.23	—0.32	—58	3.22	—0.41	—65	4.41	—3.14	—42
Hyderabad . . .	0.39	+0.22	+129	0.58	—0.08	—12	0.11	—0.30	—73	0.18	—0.80	—82	0.35	—0.65	—65	2.93	—2.95	—47
Mysore . . . .	0.27	+0.13	+93	0.22	+0.06	+37	0.34	+0.01	+3	0.84	—0.80	—49	2.04	—1.62	—44	2.92	—1.62	—36
Madras . . . .	1.56	+0.78	+100	0.58	+0.06	+12	1.71	+0.92	+116	2.87	+0.84	+41	1.61	—1.95	—55	6.04	—1.96	—25
Mean of India . .	0.73	+0.27	+59	0.48	—0.12	—20	0.69	+0.10	+17	1.19	+0.10	+9	1.35	—0.62	—31	4.37	—2.50	—36

\*Rainfall data of West Bengal for July 1947 have not been received

and annual rainfall with its departure from normal in 1947.

JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			YEAR.		
Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
22.40	+4.19	+23	12.62	-3.52	-22	16.02	+3.17	+25	8.97	+3.29	+58	0.13	-1.06	-89	0.64	+0.25	+64	108.75	+7.45	+7
..	..	..	12.40	-1.62	-12	12.30	+2.13	+21	5.03	+0.56	+13	0.02	-0.82	-98	0.83	+0.08	+453	..	..	..
11.35	-2.17	-16	13.71	+0.77	+6	7.04	-2.19	-24	5.44	+0.37	+7	0.34	-1.23	-78	2.06	+2.75	+1,310	53.99	-3.91	-7
13.86	+0.53	+4	10.39	-2.55	-20	8.88	+0.23	+3	3.08	+0.42	+16	0.03	-0.41	-93	0.23	+0.04	+21	44.61	-5.78	-11
12.86	+1.05	+9	8.95	-2.32	-21	10.05	+3.42	+52	0.66	-0.67	-50	0	-0.18	-100	0.17	-0.19	-53	37.47	-1.36	-4
3.47	-3.37	-49	5.79	-1.10	-16	11.58	+7.98	+222	0.19	-0.20	-51	0	-0.12	-100	1.02	+0.51	+100	24.42	+0.15	+1
3.81	-3.20	-46	8.82	+1.04	+28	8.12	+4.95	+156	0.45	+0.03	+7	0	-0.15	-100	0.19	+0.02	+12	22.30	+1.00	+5
14.28	-1.14	-7	13.92	+4.24	+44	10.32	+3.60	+54	1.14	-1.50	-57	0.26	-0.58	-69	0.30	+0.13	+76	40.98	+1.08	+2
12.72	-0.04	0	14.44	+3.12	+28	11.46	+4.84	+73	0.67	-0.45	-40	0.10	-0.45	-82	0.49	+0.23	+88	43.43	+4.50	+12
18.21	+2.97	+19	17.52	+4.56	+35	8.53	+0.72	+9	1.34	-0.86	-39	0.04	-0.62	-94	0.42	+0.12	+40	54.30	+4.69	+9
8.98	+0.04	0	11.37	+4.34	+62	10.24	+3.39	+49	1.41	-1.30	-48	0.31	-0.66	-68	0.50	+0.23	+85	37.35	+1.80	+5
8.15	+0.96	+13	8.24	+2.86	+53	5.07	+0.07	+1	5.24	-0.11	-2	0.59	-1.83	-76	0.67	+0.23	+52	34.59	-2.10	-6
9.98	+1.09	+12	10.44	+3.39	+48	7.66	+1.89	+33	6.63	-1.13	-15	1.35	-4.62	-77	1.67	-0.43	-20	62.10	-1.12	-2
11.33	-0.01	0	11.80	+1.82	+18	9.50	+2.80	+42	2.55	-0.45	-15	0.28	-1.05	-79	0.70	+0.21	+43	44.97	+0.55	+1

and therefore are not included in the "Mean of India."

Table XI.—Average over the 27 Sub-divisions of the monthly and annual rainfall

SUB-DIVISION.	JANUARY.					FEBRUARY.					MARCH.				
	RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1 Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	0.5	-1.2	0.16	-0.50	-76	0.9	-2.7	0.37	-1.24	-77	7.1	+1.2	3.15	-0.39	-11
3. West Bengal†	0.3	-0.6	0.08	+0.32	-80	0.9	-1.0	0.39	-0.69	-64	3.2	+1.2	1.83	+0.56	+44
4. Orissa	1.9	+1.2	0.96	+0.55	+131	1.2	-0.5	0.87	-0.16	-16	1.1	-0.5	0.59	-0.30	-34
5. Chota Nagpur	1.5	-0.1	0.55	-0.26	-32	2.1	-0.6	1.02	-0.42	-29	3.1	+1.3	1.94	+1.10	+131
6. Bihar	0.5	-0.6	0.21	-0.31	-60	0.8	-0.8	0.22	-0.54	-71	1.2	+0.2	0.44	-0.02	-4
7. United Provinces, East	1.5	+0.2	0.66	+0.04	+6	1.0	-0.4	0.31	-0.30	-49	1.1	+0.4	0.38	+0.07	+23
8. Do. do., West	2.0	+0.2	0.79	-0.11	-12	1.4	-0.4	0.69	-0.26	-27	1.5	+0.4	0.55	+0.01	+2
9. East Punjab	1.8	-0.2	0.82	-0.25	-23	1.8	-0.2	0.57	-0.43	-43	1.1	-0.4	0.41	-0.32	-44
10. Kashmir.	3.5	-1.9	2.25	-1.40	-38	3.3	-2.2	2.54	-1.40	-36	4.1	-1.8	2.32	-1.92	-45
11. Rajputana, West	0.2	-0.2	0.12	-0.01	-8	0.2	-0.3	0.07	-0.14	-67	0	-0.3	0.01	-0.13	-93
12. Do. East	0.8	+0.1	0.33	+0.04	+14	0.5	-0.2	0.11	-0.14	-56	0.2	-0.3	0.01	-0.17	-81
13. Gujarat	0	-0.2	0.01	-0.06	-86	0	-0.2	0	-0.08	-100	0	-0.1	0	-0.06	-100
14. Central India, West	1.4	+0.7	0.61	+0.31	+103	0.4	-0.1	0.11	-0.08	-42	0.2	-0.2	0.05	-0.11	-63
15. Do. do., East	2.7	+1.1	1.39	+0.63	+83	2.1	+0.5	0.86	+0.15	+21	1.3	+0.1	0.40	+0.03	+8
16. Berar	2.5	+1.8	1.10	+0.74	+206	1.6	+0.9	0.65	+0.25	+63	1.9	+1.2	0.97	+0.65	+203
17. Central Provinces, West	3.9	+2.8	2.10	+1.52	+262	2.3	+0.9	1.06	+0.38	+56	1.9	+0.8	0.87	+0.35	+67
18. Do. do., East	3.1	-2.4	1.21	+0.83	+218	2.4	+0.6	1.42	+0.49	+53	1.5	+0.2	0.54	-0.05	-8
19. Konkan	0.3	+0.2	0.19	+0.10	+111	0	-0.1	0	-0.05	-100	0.4	+0.2	0.23	+0.15	+187
20. Bombay Deccan	1.1	+0.8	0.61	+0.48	+369	0.3	+0.1	0.09	+0.01	+13	0.8	+0.4	0.33	+0.16	+83
21. Hyderabad, North	1.2	+0.9	0.62	+0.45	+265	1.4	0	0.77	+0.01	+1	0.4	-0.5	0.18	-0.25	-58
22. Do. South	0.2	-0.1	0.09	-0.07	-44	1.0	+0.1	0.33	-0.19	-37	0.1	-0.6	0.03	-0.35	-92
23. Mysore	0.7	+0.4	0.27	+0.13	+93	0.4	+0.1	0.22	+0.06	+37	0.8	+0.2	0.34	+0.01	+3
24. Malabar	1.5	+0.5	0.83	+0.19	+30	1.8	+0.8	0.96	+0.31	+48	4.5	+2.0	3.37	+1.81	+116
25. Madras, Southeast	4.3	+2.7	2.61	+1.41	+117	0.7	-0.1	0.65	+0.09	+16	2.8	+1.8	1.98	+1.32	+200
26. Do. Deccan	0.8	+0.5	0.35	+0.20	+133	0.2	-0.1	0.04	-0.13	-76	0	-0.3	0	-0.19	-100
27. Do. Coast, North.	0.9	+0.4	0.80	+0.44	+122	0.4	-0.1	0.21	-0.29	-58	0.1	-0.6	0.02	-0.42	-95

\*Data not available. †Rainfall data for West Bengal for July 1947 have not been received.

and number of rainy days with their departures from normal in 1947.

APRIL.					MAY.					JUNE.					JULY.				
RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12.9	+1.4	9.81	+0.90	+10	13.8	-1.0	13.80	+0.90	+7	16.9	-1.1	20.65	+1.46	+8	20.5	+1.5	22.40	+4.19	+23
2.5	-1.0	1.70	-0.68	-29	6.7	-1.3	5.70	-1.05	-16	10.6	-2.1	8.77	-1.20	-33	..	..	..	..	..
0.9	-1.3	0.63	-0.59	-18	2.7	-1.9	1.50	-1.50	-50	9.7	-0.7	8.60	-0.21	-2	15.7	0	11.35	-2.17	-16
0.1	-1.4	0.04	-0.59	-94	2.2	-1.0	1.30	-0.17	-27	7.3	-2.6	5.29	-2.27	-30	14.9	-2.1	10.95	-3.48	-24
0.6	-0.5	0.29	-0.22	-43	3.1	+0.1	2.05	-0.08	-4	4.9	-3.1	3.84	-3.49	-48	11.3	+0.6	15.31	+2.54	+20
0.1	-0.4	0.02	-0.18	-90	1.1	-0.1	0.51	-0.10	-16	3.4	-2.1	3.26	-1.31	-29	14.8	+1.9	15.75	+3.86	+32
0.1	-0.6	0.02	-0.26	-93	0.6	-0.8	0.18	-0.45	-71	2.8	-2.1	2.25	-1.99	-47	10.6	-1.2	10.48	-1.27	-11
0	-1.0	0.01	-0.12	-98	0.6	-0.6	0.17	-0.36	-68	0.7	-2.4	0.39	-1.77	-82	3.9	-3.5	3.17	-3.37	-49
1.2	-3.6	0.40	-2.92	-88	3.4	-0.7	2.14	+0.02	+1	3.7	-0.2	1.55	-0.71	-31	6.2	-1.5	5.28	-1.60	-23
0	-0.3	0	-0.11	-100	0.1	-0.6	0.02	-0.27	-93	0.1	-1.6	0.02	-1.09	-98	1.1	-3.2	0.85	-2.62	-76
0.1	-0.3	0.02	-0.11	-85	0.2	-0.7	0.04	-0.35	-99	1.5	-2.6	0.72	-2.36	-77	7.0	-3.5	5.14	-3.52	-39
2.0	+1.9	2.88	+2.84	+7100	0	-0.5	0	-0.27	-100	0.3	-5.1	0.20	-5.07	-96	9.1	-1.1	0.29	-3.67	-28
0.5	+0.2	0.16	+0.05	+45	0.2	-0.6	0.05	-0.32	-86	3.2	-3.0	1.79	-3.09	-63	12.3	-0.9	12.24	-0.18	-1
0	-0.6	0	-0.27	-100	0.1	-0.9	0.02	-0.38	-95	1.1	-1.9	3.72	-1.04	-22	15.0	-0.1	14.74	+0.57	+4
0.8	+0.1	0.33	+0.01	+3	0.4	-0.7	0.12	-0.37	-76	4.5	-3.7	2.84	-3.32	-54	11.8	-1.1	7.56	-2.03	-21
0.5	-0.3	0.15	-0.22	-59	0.1	-0.7	0.16	-0.30	-65	5.4	-2.9	3.86	-2.68	-41	17.6	+1.3	19.98	+4.29	+27
0.5	-1.1	0.25	-0.50	-67	0.7	-1.0	0.29	-0.50	-63	7.2	-2.6	5.41	-3.37	-38	19.9	+2.2	26.99	+3.93	+23
4.4	+3.7	2.56	+2.16	+510	0.8	-1.0	0.36	-1.06	-75	14.0	-4.5	14.20	-12.37	-47	28.4	+1.8	12.19	+1.29	+3
2.3	+0.9	1.10	+0.42	+62	2.1	0	1.00	-0.10	-5	1.0	-3.8	2.60	-2.87	-52	11.0	-0.7	8.56	-0.07	-1
0.5	-1.3	0.20	-0.80	-80	0.4	-1.1	0.19	-0.57	-75	4.9	-4.1	2.55	-3.81	-60	15.1	+1.0	9.20	-1.29	-12
0.5	-1.3	0.17	-0.80	-82	1.3	-0.8	0.56	-0.75	-57	5.5	-1.5	3.41	-1.08	-21	13.1	+1.4	8.69	+1.76	+25
1.9	-1.0	0.81	-0.80	-49	4.4	-1.3	2.04	-1.62	-44	5.9	-1.0	2.92	-1.62	-36	10.8	+1.2	8.15	+0.96	+13
7.0	+0.7	4.95	+0.72	+17	5.3	-3.6	3.22	-4.48	-58	20.8	0	19.33	-5.11	-21	21.6	-0.9	25.19	-1.81	-7
3.7	+1.3	3.38	+1.79	+113	2.3	-1.4	1.39	-1.11	-41	2.4	-0.6	1.33	-0.43	-24	4.4	+0.6	4.16	-1.91	+85
0.8	-0.6	0.35	-0.36	-49	1.4	-1.6	0.71	-1.02	-59	4.5	+0.2	3.08	+0.71	+30	8.9	+2.8	4.69	+1.69	+56
0.6	-0.7	0.36	-0.45	-56	1.1	-1.6	0.64	-1.30	-67	4.6	-1.3	2.71	-1.31	-33	12.0	+2.7	8.12	+2.34	+40

Table XI.—Average over the 27 Sub-divisions of the monthly and annual rainfall

SUB-DIVISION.	AUGUST.					SEPTEMBER					OCTOBER.				
	RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1. Bay Islands <sup>*</sup> . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam . . . . .	13.1	—1.3	12.62	—3.52	—22	15.5	+1.4	16.02	+3.17	+25	11.1	+1.1	8.97	+3.29	+58
3. West Bengal . . . . .	17.4	+1.2	12.40	—1.62	—12	13.1	+1.4	12.30	+2.13	+21	6.1	+0.9	5.03	+0.56	+13
4. Orissa . . . . .	15.3	—0.3	13.71	+0.77	+6	10.1	—2.0	7.04	—2.19	—24	7.7	+1.7	5.44	+0.37	+7
5. Chota Nagpur . . . . .	16.7	—0.3	11.86	—2.29	—16	11.3	+0.8	9.98	+1.85	+23	5.7	+1.6	4.01	+1.03	+35
6. Bihar . . . . .	12.3	—1.4	9.62	—2.71	—22	9.5	+0.2	8.29	—0.54	—7	3.0	+0.3	2.57	+0.08	+3
7. United Provinces, East . . . . .	12.0	—0.9	9.11	—2.26	—20	9.6	+2.0	7.38	+0.35	+5	1.4	—0.1	0.92	—0.90	—19
8. Do. do., West . . . . .	10.6	—1.0	8.82	—2.38	—21	12.3	+6.1	12.21	+5.95	+95	0.7	—0.2	0.45	—0.47	—51
9. East Punjab . . . . .	6.6	—0.7	5.79	—1.10	—16	7.9	+4.4	11.58	+7.98	+222	9.4	—0.2	0.19	—0.20	—51
10. Kashmir . . . . .	7.7	—0.6	7.53	0.27	+4	5.2	+1.4	5.26	+2.62	+99	1.4	—0.5	0.56	—0.50	—47
11. Rajputana, West . . . . .	5.8	+1.3	5.43	+1.40	+35	3.7	+1.9	3.39	+1.96	+137	0.4	+0.1	0.16	—0.01	—6
12. Do., East . . . . .	12.6	+2.7	10.67	+2.23	+26	11.9	+6.9	10.73	+6.60	+160	1.0	+0.2	0.61	+0.05	+9
13. Gujarat . . . . .	12.3	+1.7	10.24	+2.44	+31	10.6	+4.4	10.31	+5.10	+98	0.8	—0.5	0.37	—0.62	—63
14. Central India, West . . . . .	15.3	+3.3	14.72	+3.91	+36	11.7	+4.5	11.54	+5.00	+76	0.7	—0.8	0.52	—0.50	—49
15. Do. do., East . . . . .	15.3	+0.4	13.19	—0.41	—3	11.0	2.6	11.10	+4.09	+58	1.5	—0.4	1.24	—0.21	—16
16. Bihar . . . . .	13.1	+2.8	9.32	+2.50	+37	10.6	+2.6	7.02	+0.81	+13	0.9	—1.6	0.58	—1.23	—63
17. Central Provinces, West . . . . .	17.8	+3.2	17.53	+4.50	+35	11.2	+1.7	8.44	+0.68	+9	1.1	—1.1	0.67	—1.19	—61
18. Do. do., East . . . . .	18.4	+2.1	20.13	5.35	+35	12.9	+2.1	9.16	+0.72	+9	2.4	—1.1	2.68	—0.49	—19
19. Konkan . . . . .	20.8	—3.7	33.71	+8.78	+35	19.0	+3.6	19.05	—6.32	+50	3.0	—2.9	2.10	—2.61	—55
20. Bombay Deccan . . . . .	13.8	+4.3	9.97	+4.06	+69	9.9	+1.7	7.34	+1.57	+27	2.3	—2.4	1.37	—1.79	—57
21. Hyderabad, North . . . . .	11.2	+2.7	12.25	+4.30	+54	11.0	+1.7	10.77	+3.63	+51	1.9	—2.4	0.57	—1.98	—78
22. Do., South . . . . .	13.3	+3.7	10.21	+4.10	+76	10.4	+1.1	9.51	+3.09	+48	3.9	—1.5	2.52	—0.40	—14
23. Mysore . . . . .	13.7	+4.8	8.24	+2.86	+53	8.5	+0.7	5.07	+0.07	+1	6.4	—1.1	5.21	—0.11	—2
24. Malabar . . . . .	21.0	+1.0	26.89	+11.06	+70	18.7	+6.7	13.92	+5.57	+67	8.6	—1.8	7.18	—1.97	—36
25. Madras, South East . . . . .	5.9	+0.6	3.61	—0.03	—1	6.5	+0.7	4.75	—0.45	+10	9.3	+0.2	7.85	+0.55	+8
26. Do., Deccan . . . . .	10.9	+1.6	6.13	+2.41	+67	8.2	+0.9	6.53	—1.27	+21	4.5	—1.3	3.13	—1.01	—21
27. Do. Coast, North . . . . .	10.0	+1.1	7.94	+2.16	+37	9.1	+0.4	7.53	+1.15	+18	7.4	—0.1	5.58	—1.70	—23

\*Data not available.



Table XII.—Average over the 13 chief political divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1947.

DIVISION.	JANUARY AND FEBRUARY.			MARCH TO MAY.			JUNE TO SEPTEMBER.			OCTOBER TO DECEMBER.			WHOLE YEAR.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assam . . . . .	0.53	—1.74	—77	26.79	+1.41	+6	71.09	+5.30	+8	9.74	+2.48	+34	103.75	+7.45	+7
West Bengal* . . . .	0.47	—1.01	—68	9.23	—1.17	—11	..	..	..	5.88	+0.42	+8	..	..	..
Orissa . . . . .	1.83	+0.39	+27	2.72	—2.39	—47	40.70	—3.80	—9	8.74	+1.89	+28	53.99	—3.91	—7
Bihar . . . . .	0.83	—0.79	—49	2.95	—0.20	—6	37.49	—4.84	—11	3.34	+0.05	+2	44.61	—5.78	—11
United Provinces . . .	1.25	—0.32	—20	0.82	—0.47	—36	34.57	+0.47	+1	0.83	—1.04	—56	37.47	—1.30	—4
East Punjab . . . . .	1.39	—0.68	—33	0.59	—1.10	—65	21.23	+1.74	+9	1.21	+0.19	+19	24.42	+0.15	+1
Rajputana . . . . .	0.36	—0.11	—23	0.68	—0.57	—88	21.22	+1.78	+9	0.64	—0.10	—14	22.30	+1.00	+5
Bombay . . . . .	0.37	+0.20	+118	2.75	+1.33	+94	42.16	+1.50	+4	1.70	—1.95	—53	46.08	+1.08	+2
Central India . . . . .	1.05	0.35	+50	0.30	—0.44	—59	40.82	+5.26	+15	1.26	—0.67	—35	43.43	+4.50	+12
Central Provinces and Berar.	2.65	+1.16	+123	1.18	—0.52	—31	48.67	+5.11	+12	1.80	—1.36	—43	54.30	+4.69	+9
Hyderabad . . . . .	0.97	+0.11	+17	0.61	—1.75	—73	33.52	+5.14	+18	2.22	—1.73	—41	37.35	+1.80	+5
Mysore . . . . .	0.49	+0.19	+63	3.22	—2.41	—43	24.38	+2.27	+10	6.50	—1.71	—21	34.59	—2.10	—6
Madras . . . . .	2.14	+0.84	+65	6.19	—0.19	—3	34.12	+4.41	+15	9.65	—6.18	—39	52.10	—1.12	—2
Mean of India . . . . .	1.21	+0.15	+14	3.23	—0.42	—12	37.00	+2.11	+6	3.53	—1.29	—27	44.97	+0.55	+1

\*Rainfall data of West Bengal (for July 1947) have not been received and, therefore, are not included in the "Mean of India."

Table XIII.—Average over the 27 Sub-divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1947.

SUB-DIVISION.	JANUARY AND FEBRUARY			MARCH TO MAY.			JUNE TO SEPTEMBER.			OCTOBER TO DECEMBER.			WHOLE YEAR.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.
1. Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	0.53	-1.74	-77	26.79	+1.41	+6	71.69	+4.77	+7	9.74	+2.48	+34	108.75	+6.92	+7
3. West Bengal†	0.47	-1.01	-68	9.23	-1.17	-11	..	..	..	5.88	+0.42	+8	..	..	..
4. Orissa	1.83	+0.39	+27	2.72	-2.39	-47	40.70	-3.80	-0	8.74	+1.89	+28	53.99	+3.91	-7
5. Chota Nagpur	1.57	-0.68	-30	3.28	+0.04	+1	38.08	-6.19	-14	4.70	+0.90	+24	47.63	-5.93	-11
6. Bihar	0.43	-0.85	-66	2.78	-0.32	-10	37.06	-4.30	-10	2.61	-0.41	-14	42.88	-5.88	-12
7. United Provinces, East	0.97	-0.26	-21	0.91	-0.21	-19	35.50	+0.64	+2	1.00	-1.29	-56	38.38	-1.12	-3
8. Do. do., West	1.48	-0.37	-20	0.75	-0.70	-48	33.79	+0.31	+1	0.70	-0.81	-54	36.72	-1.57	-4
9. East Punjab	1.39	-0.68	-33	0.59	-1.10	-65	21.23	+1.74	+9	1.21	+0.19	+19	24.42	+0.15	+1
10. Kashmir	4.79	-2.80	-37	4.86	-4.82	-50	19.62	+0.58	+3	4.82	+1.10	+30	34.09	-5.94	-15
11. Rajputana, West	0.19	-0.15	-14	0.03	-0.51	-94	9.69	-0.35	-3	0.20	-0.12	-37	10.11	-1.13	-10
12. Do. East	0.44	-0.10	-19	0.10	-0.63	-86	27.56	+2.95	+12	0.88	-0.09	-9	28.98	+2.13	+8
13. Gujarat	0.01	-0.14	-93	2.88	+2.51	..	30.04	-1.20	-4	0.45	-0.90	-67	33.38	+0.27	+1
14. Central India, West	0.72	+0.23	+47	0.26	-0.38	-59	40.29	+5.64	+16	1.23	-0.62	-34	42.50	+4.87	+13
15. Do. do. East	2.25	+0.78	+53	0.42	-0.02	-60	42.75	+3.21	+8	1.40	-0.82	-37	46.82	+2.55	+6
16. Berar	1.75	+0.99	+130	1.42	+0.29	+26	26.74	-2.04	-7	1.65	-1.36	-45	31.56	-2.12	-6
17. Central Provinces, West	3.16	+1.90	+151	1.18	-0.17	-13	49.81	+6.79	+16	0.86	-1.98	-70	55.01	+6.54	+13
18. Do. do., East	2.63	+1.32	+101	1.08	-1.05	-49	55.99	+6.63	+13	2.50	-0.90	-26	62.20	+6.00	+11
19. Konkan	0.19	+0.05	+36	3.15	+1.25	+66	109.15	+4.02	+4	2.75	-3.30	-55	115.24	+2.02	+2
20. Bombay, Deccan	0.70	+0.49	+233	2.52	+0.47	+23	28.47	+2.66	+10	2.05	-2.42	-54	33.74	+1.23	+4
21. Hyderabad, North	1.39	+0.46	+49	0.57	-1.02	-74	34.77	+2.80	+9	0.99	-2.70	-73	37.72	-1.06	-3
22. Do. South	0.42	+0.26	+38	0.76	-1.90	-71	31.85	+8.17	+35	3.85	-0.43	-10	36.88	+5.58	+18
23. Mysore	0.19	+0.19	+63	3.22	-2.41	-43	24.38	+2.27	+10	6.59	-1.71	-21	34.59	-1.66	-5
24. Malabar	1.79	+0.50	+39	11.54	-1.95	-14	85.33	+9.68	+13	10.28	-9.05	-47	168.94	-0.82	-1
25. Madras, Southeast	3.26	+1.56	+85	6.75	+2.00	+42	13.88	+1.90	+16	9.90	-8.20	-45	33.79	-2.80	-8
26. Do., Deccan	0.39	+0.07	+22	1.09	-1.57	-59	20.43	+6.08	+42	3.84	-2.88	-43	25.75	+1.70	+7
27. Do. Coast, North	1.01	+0.15	+17	1.02	-2.17	-68	26.30	+4.34	+20	12.23	-0.30	-2	40.56	+2.02	+5

\*Data not available. †Rainfall data of West Bengal for July 1947 have not been received.

Table XIV.—Average over the 27 Sub-divisions of actual number of rainy days with their departures from normal for the four seasons of the year and for the whole year 1947.

SUB-DIVISION.	JANUARY AND FEBRUARY.		MARCH TO MAY.		JUNE TO SEPTEMBER.		OCTOBER TO DECEMBER.		WHOLE YEAR.	
	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11
1. Bay Islands <sup>*</sup> . . . . .	..	..	..	..	..	..	..	..	..	..
2. Assam . . . . .	1.4	-3.9	33.8	+1.6	66.0	-2.5	12.5	+2.7	113.7	-2.1
3. West Bengal† . . . . .	1.2	-1.6	12.4	-1.1	..	..	8.0	+1.1	..	..
4. Orissa . . . . .	3.1	+0.7	4.7	-3.7	50.8	-3.0	12.4	+4.4	71.0	-1.0
5. Chota Nagpur . . . . .	3.6	-0.7	5.4	-1.1	50.2	-1.2	7.0	+1.6	66.2	-1.1
6. Bihar . . . . .	1.3	-1.4	4.0	-0.2	11.0	-4.0	3.1	-0.5	50.3	-6.1
7. United Provinces, East . . . . .	2.5	-0.2	2.3	-0.1	39.8	+0.9	1.7	-1.1	46.3	-0.5
8. Do. do., West . . . . .	3.4	-0.2	2.2	-1.0	36.3	+1.8	1.1	-0.7	43.3	-0.1
9. East Punjab . . . . .	3.6	-0.4	1.7	-2.0	19.1	-2.2	2.0	+0.1	26.4	-1.5
10. Kashmir . . . . .	6.8	-4.1	8.7	-6.1	22.8	-0.9	7.1	+0.6	45.4	-10.5
11. Rajputana, West . . . . .	0.1	-0.5	0.1	-1.2	10.7	-1.6	0.5	-0.1	11.7	-3.1
12. Do., East . . . . .	1.3	-0.1	0.5	-1.3	33.0	+3.5	1.7	0	36.5	+2.1
13. Gujarat . . . . .	0	-0.4	2.0	+1.3	32.3	-3.4	0.9	-1.0	35.2	-3.5
14. Central India, West . . . . .	1.8	+0.6	0.9	-0.6	42.5	+3.9	2.2	-0.6	47.1	+3.3
15. Do. do., East . . . . .	4.8	+1.6	1.4	-1.1	45.1	+0.7	1.9	-1.3	53.5	-0.1
16. Berar . . . . .	4.1	+2.7	3.1	+0.6	40.0	+0.6	2.4	-1.9	49.6	+2.0
17. Central Provinces, West . . . . .	6.2	+3.7	2.8	-0.2	52.0	+3.3	1.5	-2.6	62.5	+4.2
18. Do. do., East . . . . .	5.5	+3.0	2.7	-1.9	58.4	+3.8	3.3	-1.6	69.9	+3.3
19. Konkan . . . . .	0.3	+0.1	5.0	+2.9	82.2	-2.8	3.3	-4.6	91.4	-4.4
20. Bombay, Deccan . . . . .	1.1	+0.9	5.2	+1.3	38.7	+1.5	3.5	-3.3	48.8	+0.4
21. Hyderabad, North . . . . .	2.6	+0.9	1.3	-2.9	45.2	+1.3	1.8	-3.3	50.9	-4.0
22. Do., South . . . . .	1.2	0	1.9	-2.7	42.3	+4.7	5.3	-1.5	50.7	+0.5
23. Mysore . . . . .	1.1	+0.5	7.1	-2.1	38.9	+5.7	8.2	-4.2	55.3	-0.1
24. Malabar . . . . .	3.3	+1.3	16.8	-0.9	85.0	+9.8	13.2	-10.9	116.3	-0.7
25. Madras, South East . . . . .	5.0	+2.6	8.8	+1.7	19.2	+1.3	13.2	-8.1	46.2	-2.8
26. Do Deccan . . . . .	1.0	+0.4	2.2	-2.5	32.5	+8.5	6.0	-3.8	41.7	+2.6
27. Do Coast, North . . . . .	1.3	0	1.8	-2.9	35.7	+2.9	13.6	+1.1	52.4	+1.1

\* Data not available. † Rainfall data of West Bengal for July 1947 have not been received.

Table XV.—Showing rainfall of 10" and over with amounts in the preceding and following 24 hrs. during the year 1947.

Province and District.	Station.	Date.	Amount.			Province and District.	Station.	Date.	Amount.		
			Preceding day.	On date in column 5.	Succeeding day.				Preceding day.	On date in column 5.	Succeeding day.
1	2	3	4	5	6	1	2	3	4	5	6
ASSAM.						BOMBAY.					
Khasi and Jaintia Hills	Maw-syram	May 26	8.38	10.41	9.08	Bhavnagar	Bhavnagar	April 18	0.92	12.07	0.23
		" 28	9.68	12.76	13.45	Palitana	Palitana	" 16	1.08	10.85	1.08
		" 29	12.76	13.15	15.87	Surat	Waghai	July 17	0.80	10.85	0.21
		" 30	13.45	15.87	15.94	Nasik	Trimbak	" 17	3.85	12.40	1.75
		" 31	15.87	15.94	"	Do	Igatpuri	" 17	2.75	10.72	5.92
CACHAR	Bikrampur	June 13	3.12	10.08	3.05	Savantvadi	Amboli	" 15	5.29	10.44	7.20
Cachar (North Cachar Hills)	Jatinga valley	" 14	3.52	11.41	6.77	Dharampur	Dharampur	" 16	6.70	10.07	0.32
Do.	Harangajag	" 1	3.75	10.25	3.87	Porbandar	Porbandar	Aug. 21	1.53	10.02	1.31
Sadiya Frontier tract	Denning	July 7	3.95	10.05	3.65	Bombay	Bombay	Sep. 23	2.82	10.45	4.45
Tush Hill Do.	Lunchi	" 30	1.02	12.00	8.68						
	Dewagiri	" 30	3.23	11.25	1.30						
						CENTRAL INDIA.					
						Gwalhar	Haldergarh Betsa Dispensary	Aug. 31	0.36	10.59	0.17
						Rewa	Umari	" 6	0.11	10.48	0.77
WEST BENGAL.						Gwalhar	Goona	Sep. 5	0.70	11.75	0.23
Durgaching	Kurconj	June 8	0	11.26	0.75	Bhopal	Schore (Qusba)	" 6	1.28	10.27	0
Tripura State	Sonmura	" 20	0	10.00	1.00						
Tripura State	Beloulo	Aug. 5	2.08	17.06	0						
Jalpaiguri	Buxa	Sept. 20	2.00	10.00	2.78						
						CENTRAL PROVINCES AND BERRAR.					
						Hoshangabad	Chindwara	July 22	2.20	11.23	0.71
						Do.	Pachmarhi	" 29	0.77	12.61	0.10
Orissa.						Bilaspur	Champa	" 26	0.05	13.67	7.47
Puri	Gop	June 27	0.74	11.87	0	Bhandara	Bodilakasa	Aug. 31	8.10	14.80	3.18
		Aug. 27	3.69	12.95	0.57	Chendwara	Tamla	" 31	3.41	13.80	3.77
BIHAR.											
Hazaribagh	Kodarna	Aug. 1	0.73	12.34	0.55						
						HYDRABAD					
						Nizamabad	Jokota	Sep. 28	0.50	10.85	0.19
UNITED PROVINCES.											
Lucknow	Lucknow	July 17	0.51	12.27	0.89	MADRAS					
						Chemblore	Avanhi	July 13	6.10	17.23	17.66
								" 14	17.23	17.66	8.96
								" 18	2.52	10.98	12.01
EAST PUNJAB.								" 19	10.98	12.01	17.07
Amritsar	Dudpur	Sep. 26	6.15	12.00	4.00			" 20	12.01	17.07	6.49
Amritsar	Una	" 26	1.16	10.87	3.62			" 21	6.49	10.39	0.80
Amritsar	Ludhiana	" 26	0.15	13.57	5.75						
						TRAVANCORE STATE					
						Kottayam Division	Pettanade (Residency)	Aug. 17	3.25	11.20	2.00
RAJPUTANA.						South Kanara	Puttur	" 17	0.55	10.50	3.16
Jaipur	Sironi	Sep. 1	0	10.00	1.25	Do.	Bantwal	" 17	0.62	10.60	2.80
Jaipur	Bundi	" 6	3.51	14.58	0.88	Coorg	Karika	" 17	0.40	10.60	6.10

\* Data not available.



**SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)  
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)**

IMD.-A.S. 1947.

1947

Plate A 1.

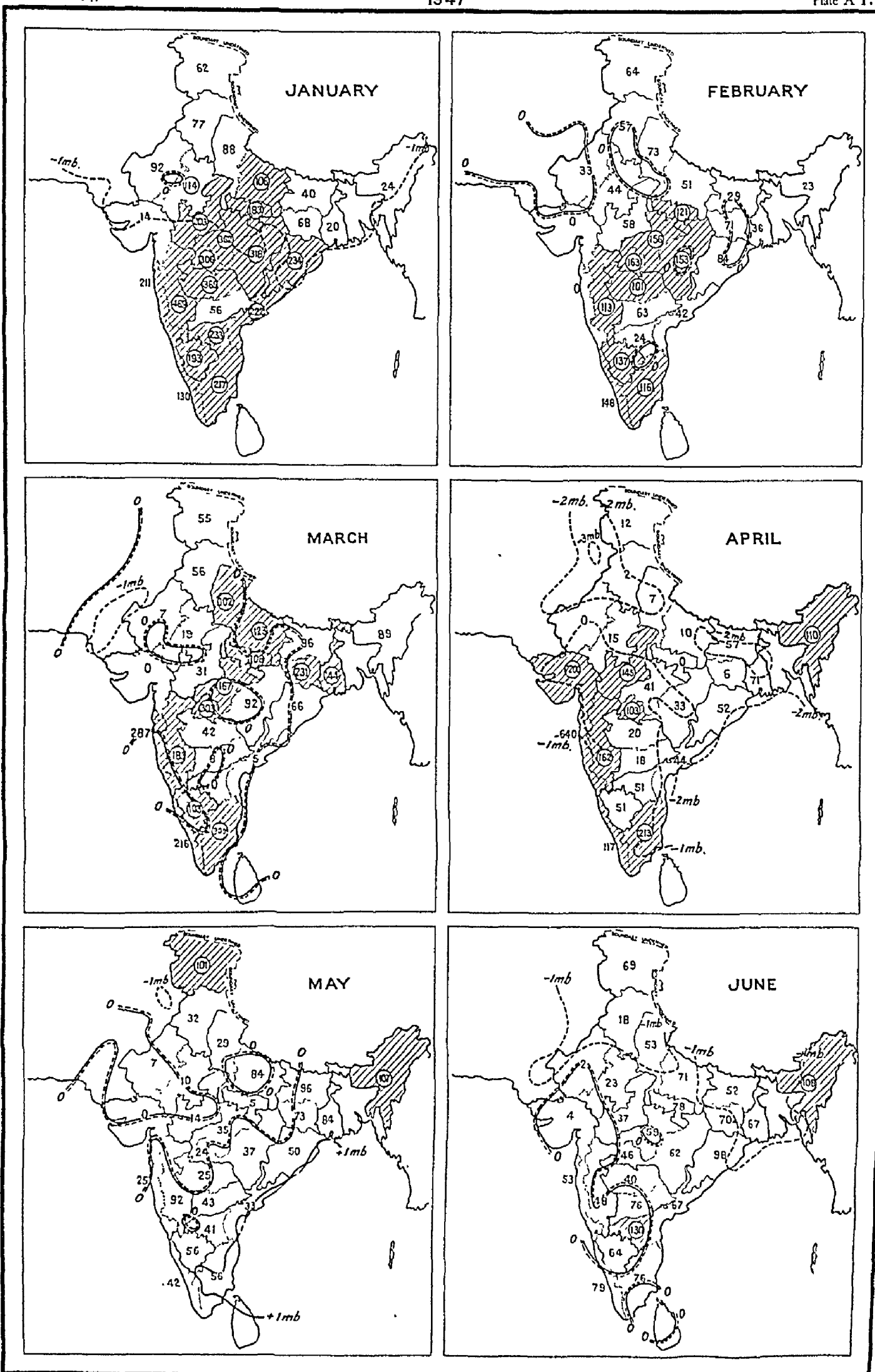


Fig No. 2744 S.O.D. 1. 1951

ABOVE 100%      BELOW 100%

Printed at the Survey of India Office (P. 2. 0.)

The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.

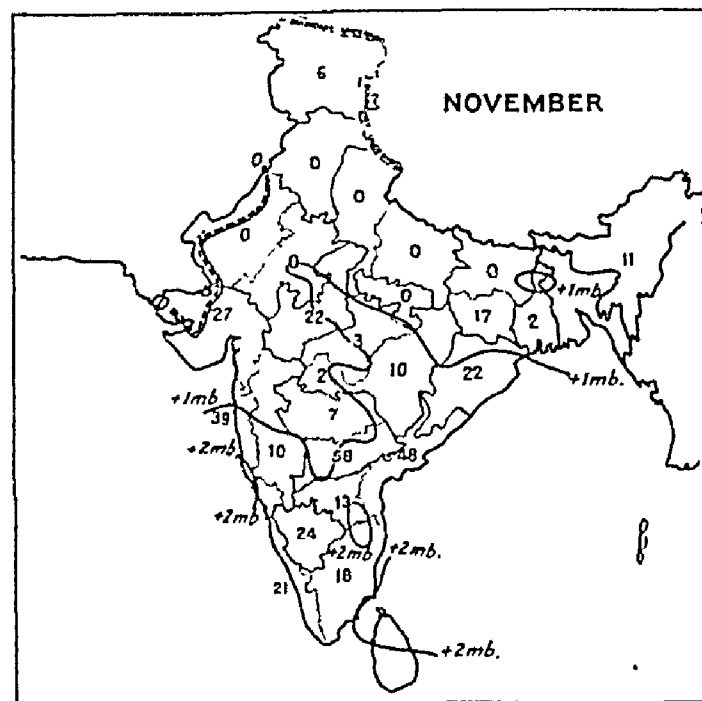
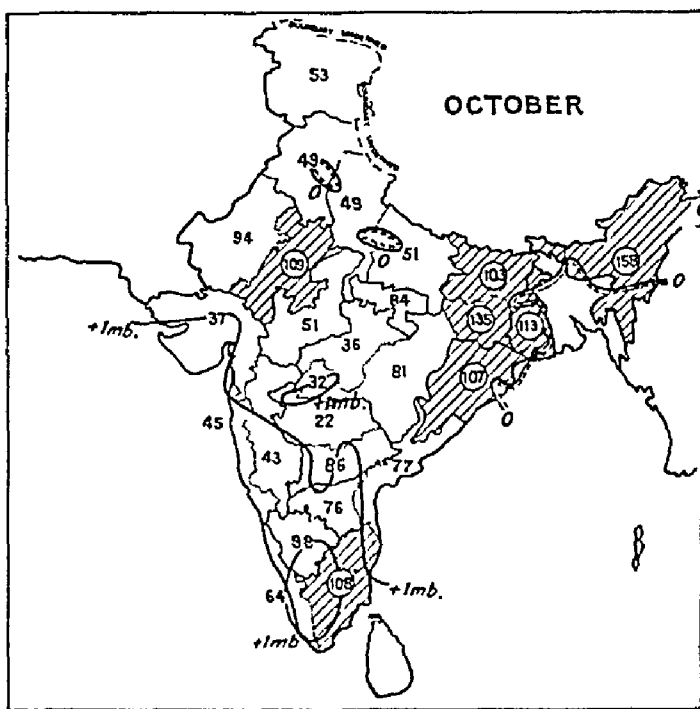
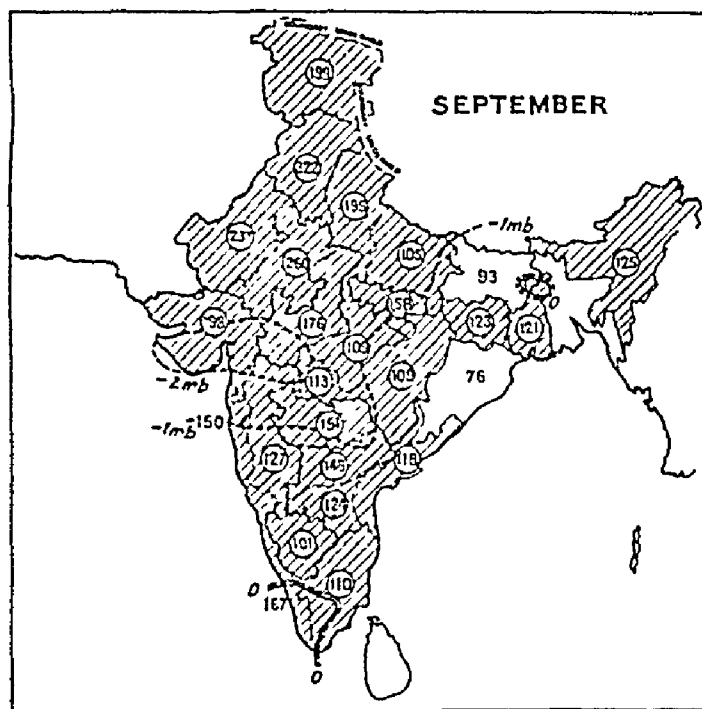
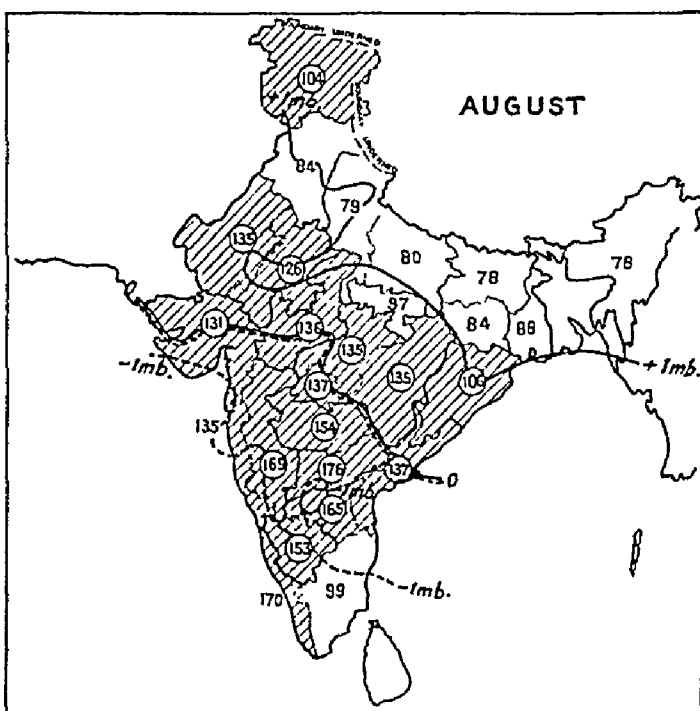
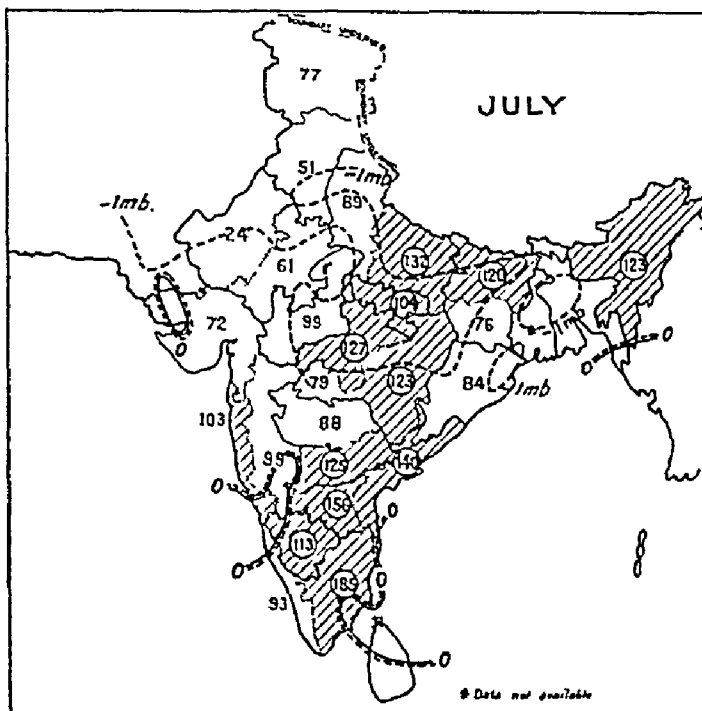


**SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)  
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)**

IMD.-A.S. 1947.

1947

Plate A 2.



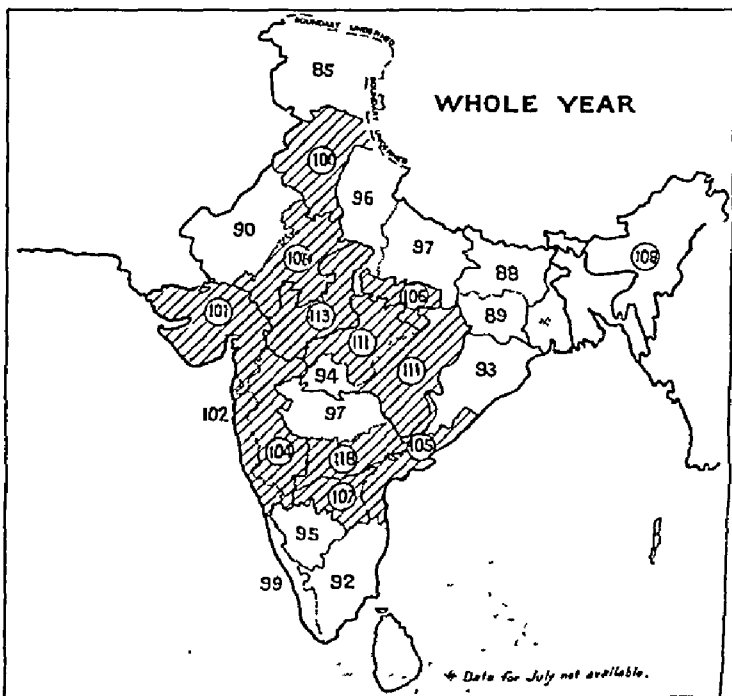
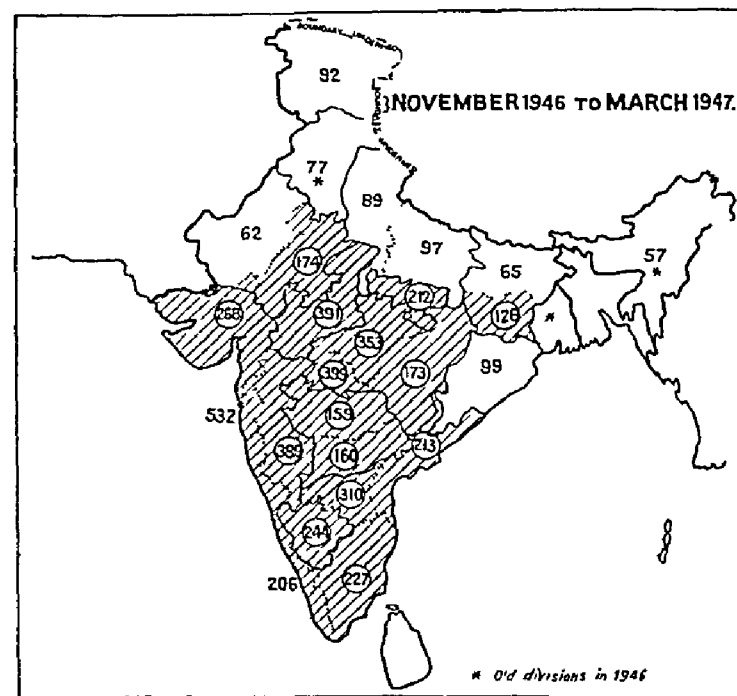
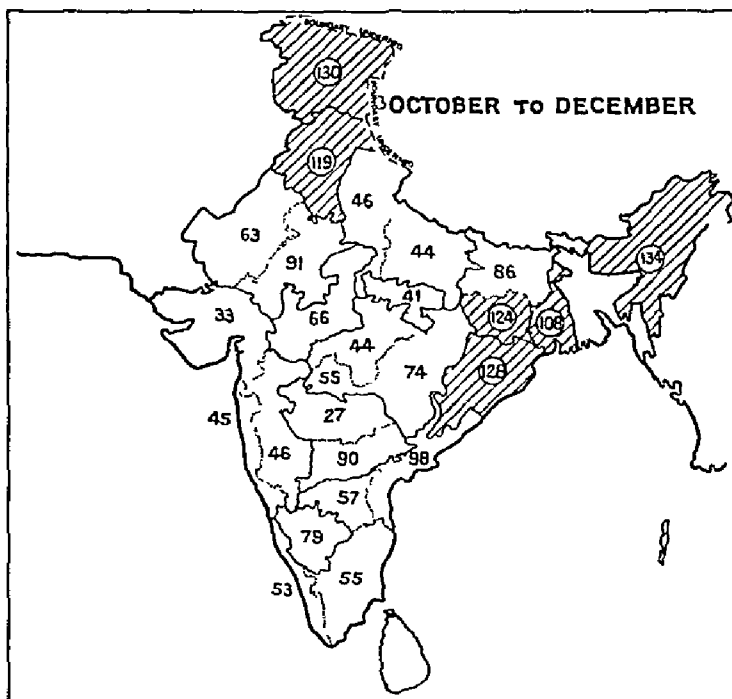
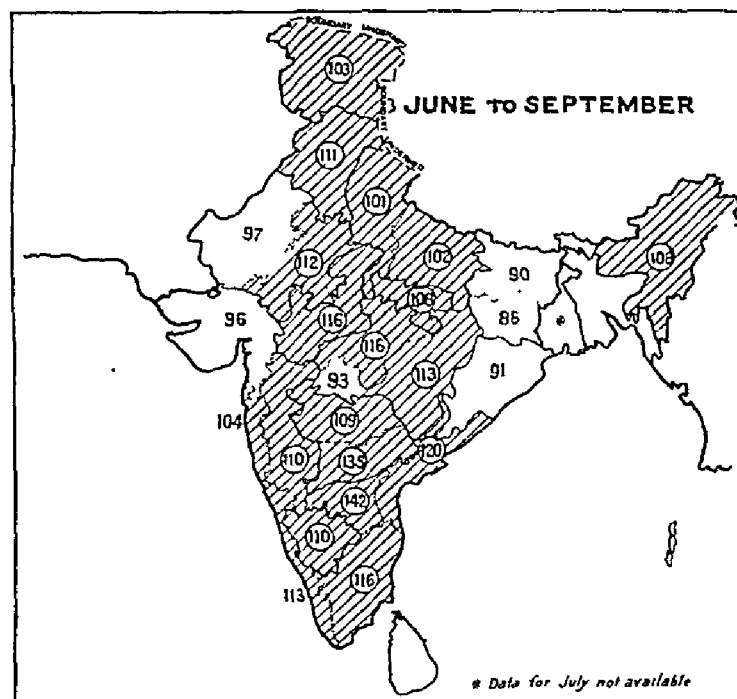
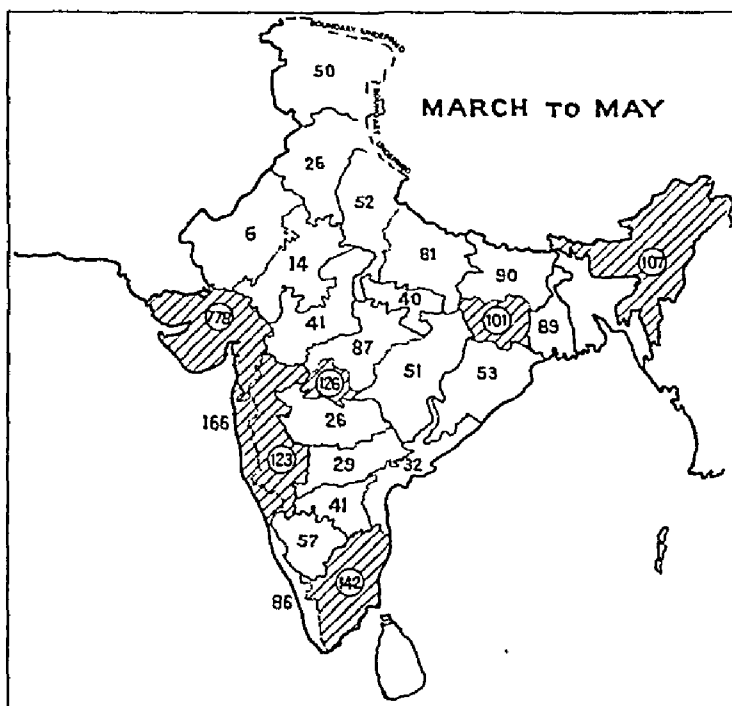
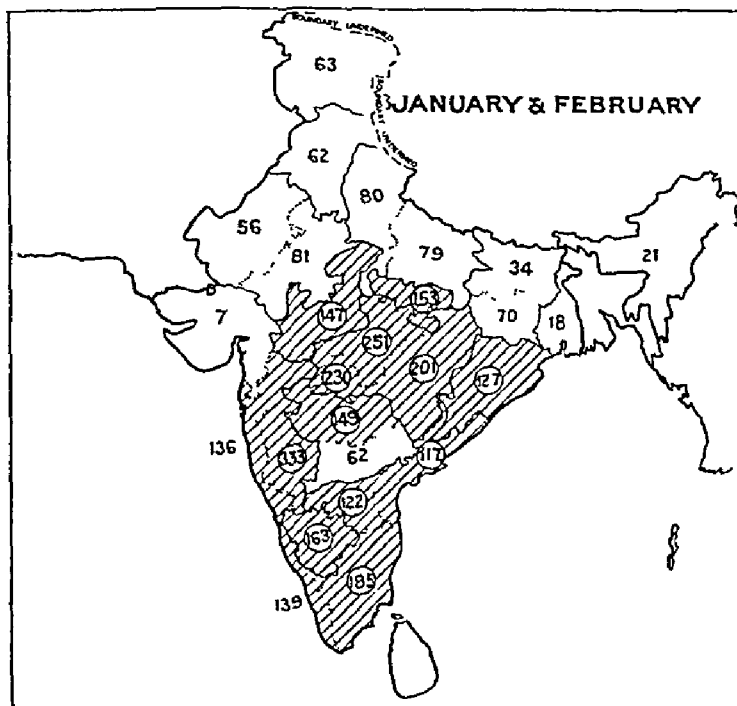
The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.



**SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)  
IN DIFFERENT PERIODS OF THE YEAR 1947.**

IMD-A.S. 1947.

Plate A 3



The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.



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Government of India Publications are available—*contd.***

[ Continued from inner side of the front cover.

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K. Krishnamurthy, Mount Road.  
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J. Ray & Sons (India), Ltd., 2, Regal Building.  
Jain Book Agency, Connaught Place.  
Jayna Book Depot, Chapparwala Kuan, Karol Bagh.  
Oxford Book & Stationery Coy., Seindia House.  
Ram Krishna & Sons (of Lahore), 13/13, Connaught Place.  
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**PATNA—**

Sohan Singh & Sons, Pirmohani, P. O. Kadm Kuan.  
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\*Hindi Pustak Agency.  
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\*For Hindi Publications only.